



1/40

FIG. 1

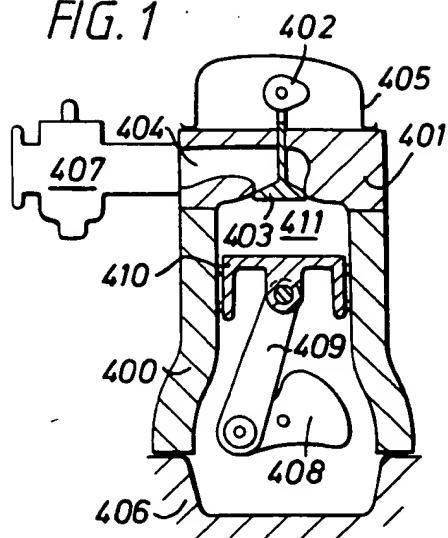


FIG. 2

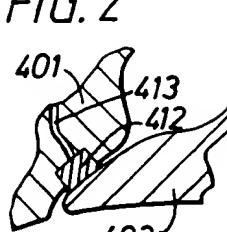


FIG. 3

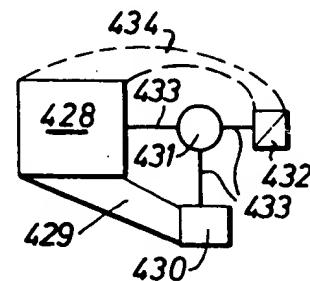
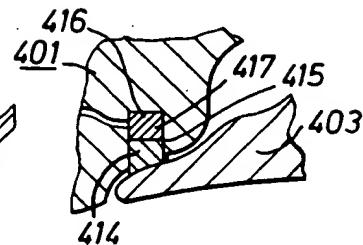


FIG. 5

FIG. 4

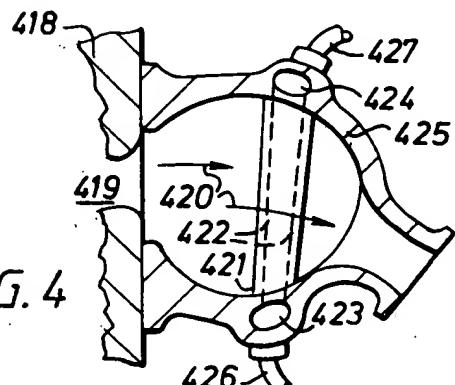


FIG. 7

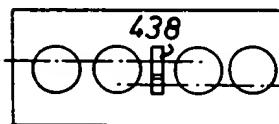


FIG. 8

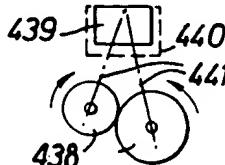


FIG. 6

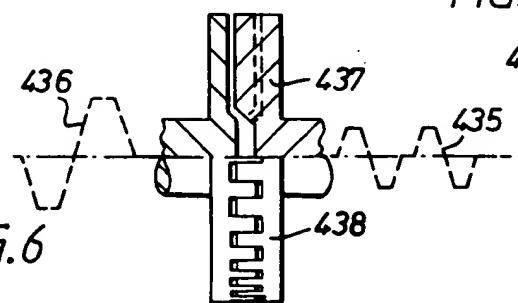


FIG. 10

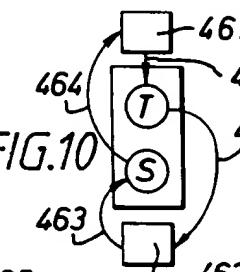


FIG. 11

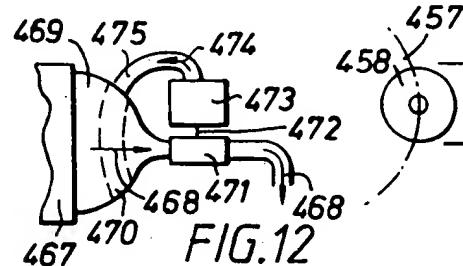
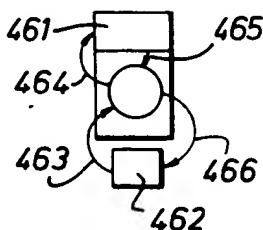


FIG. 9

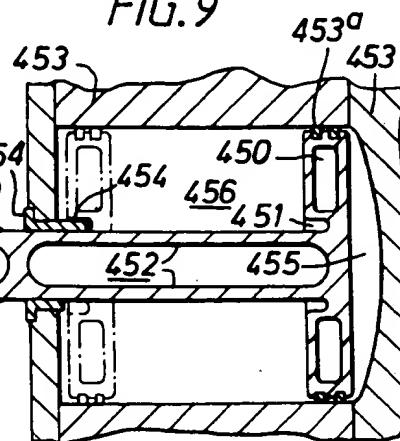


FIG. 14

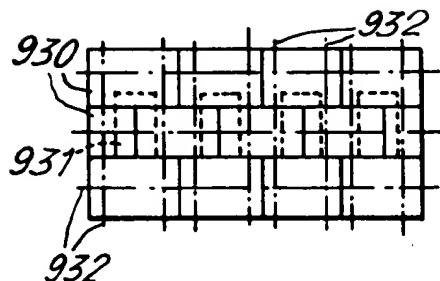


FIG. 15

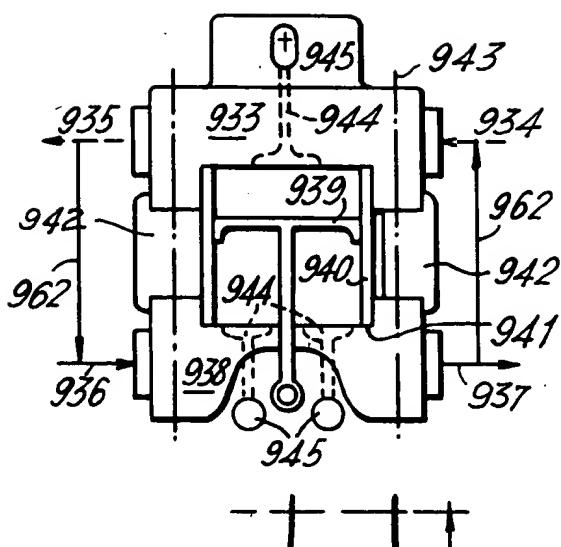


FIG. 13

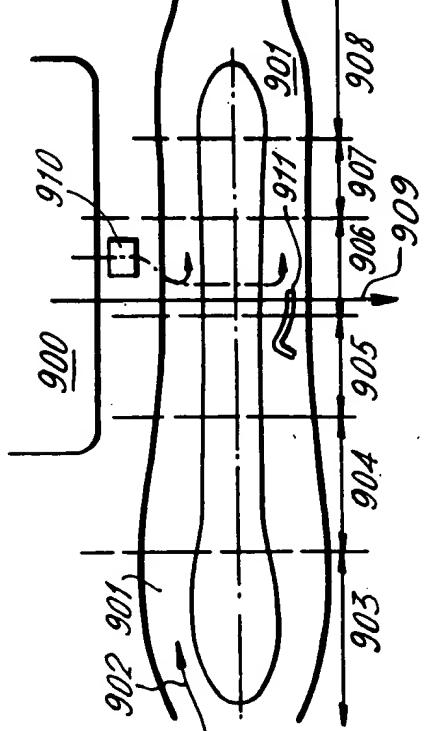


FIG. 16

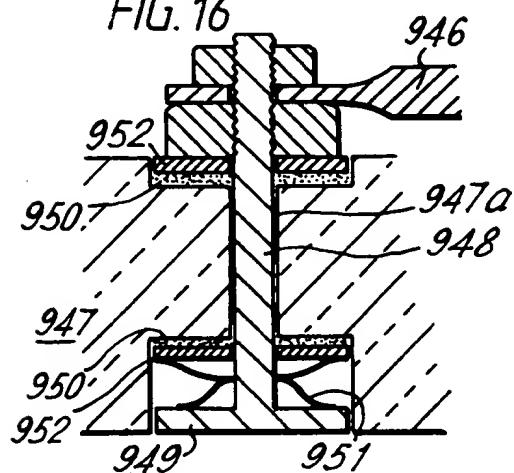
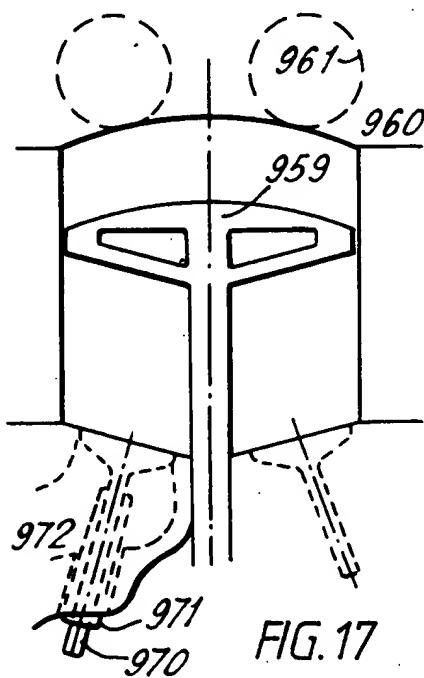


FIG. 17



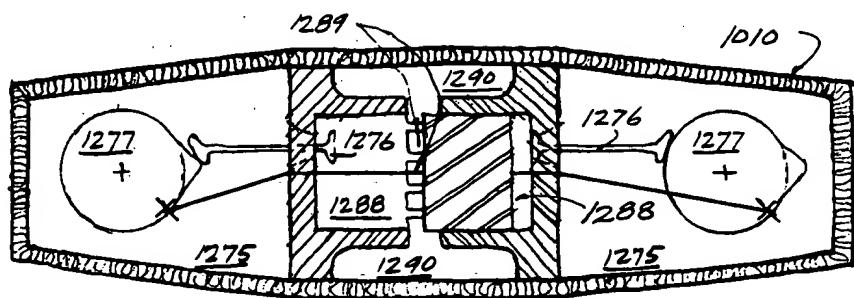
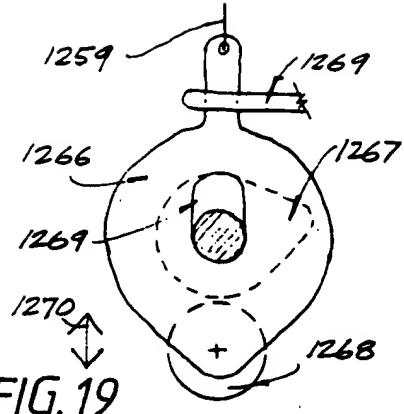
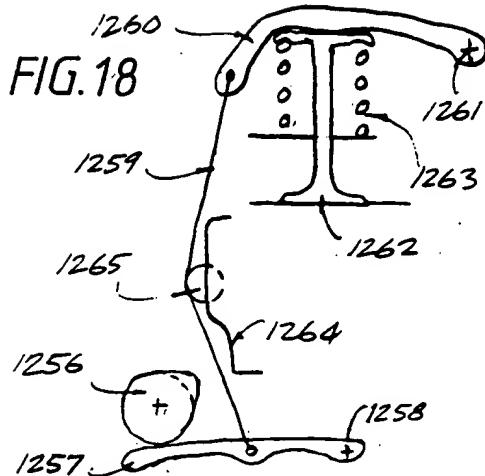


FIG. 21

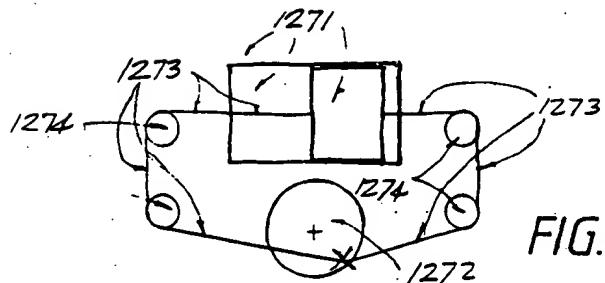


FIG. 22

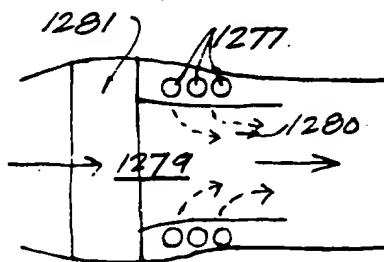
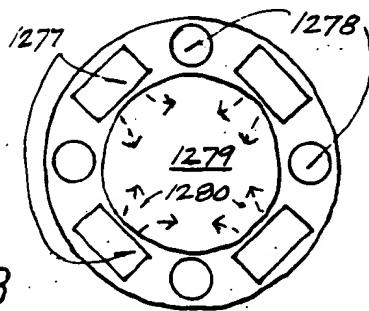


FIG. 34

FIG. 33

FIG. 20

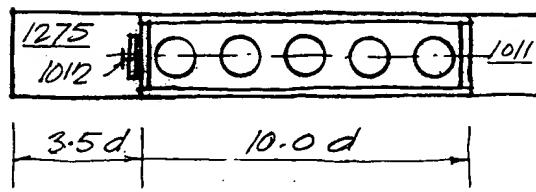
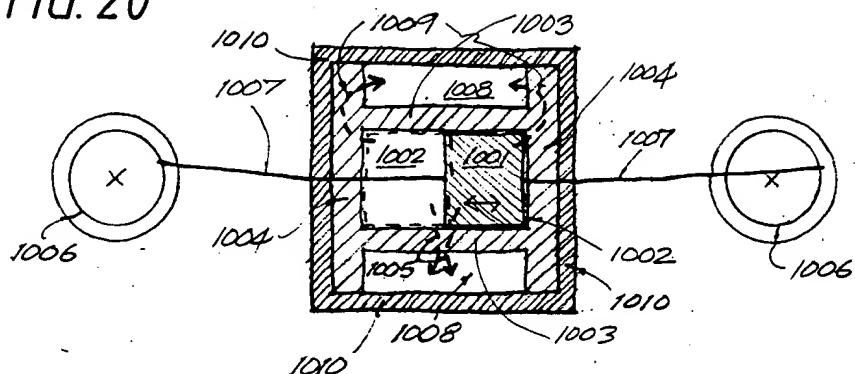


FIG. 24

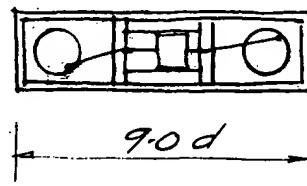


FIG. 25

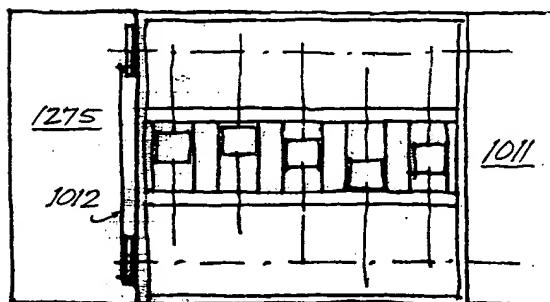


FIG. 23

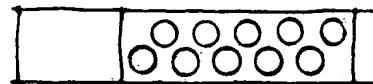


FIG. 26

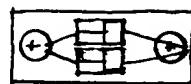


FIG. 27

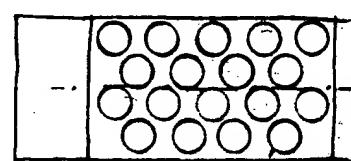


FIG. 28

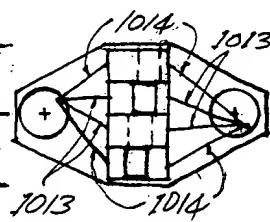


FIG. 29

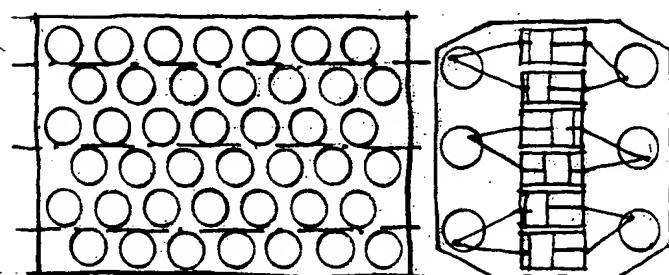


FIG. 30

FIG. 31

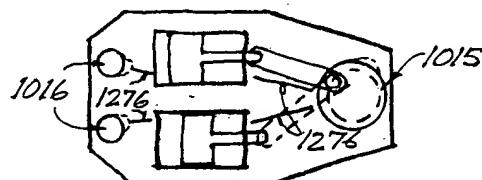


FIG. 32

5/40

FIG. 35

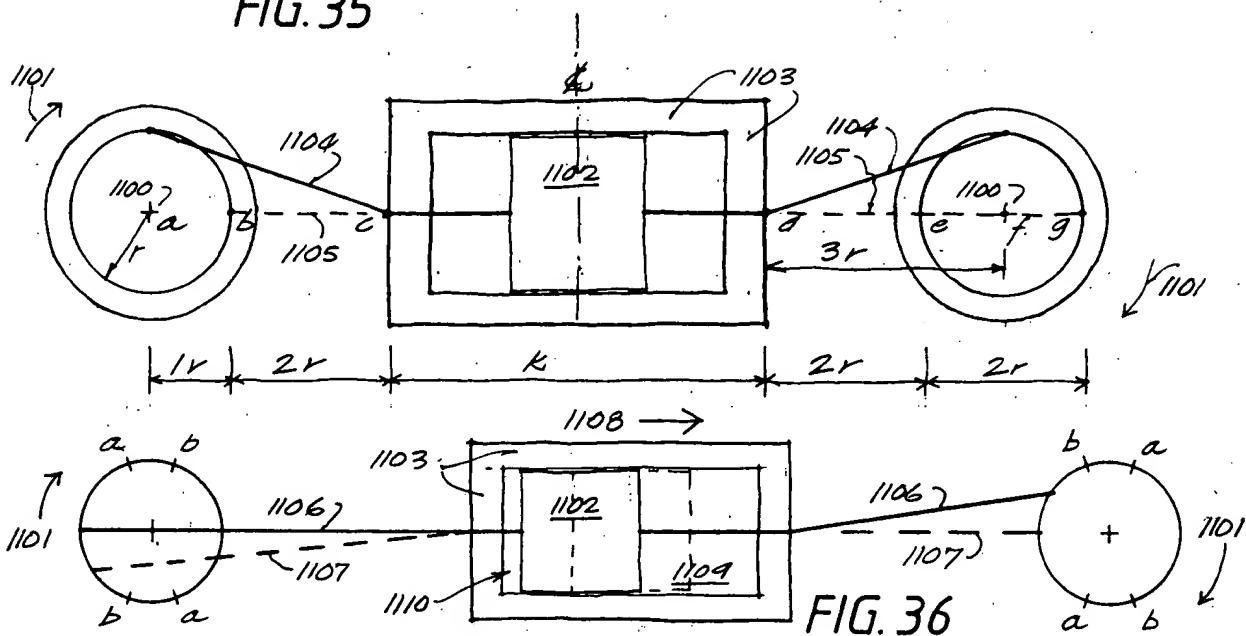


FIG. 37a

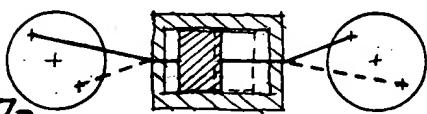


FIG. 37b

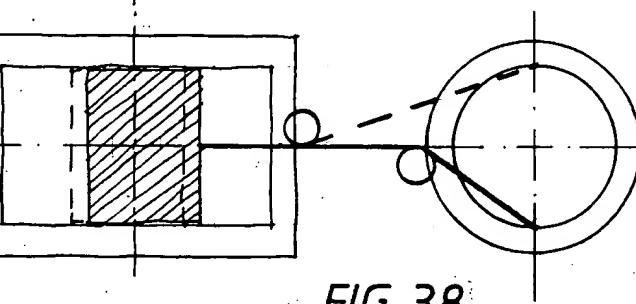
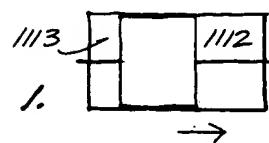
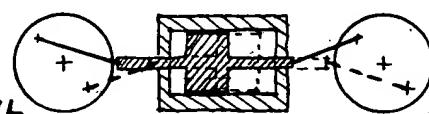


FIG. 38

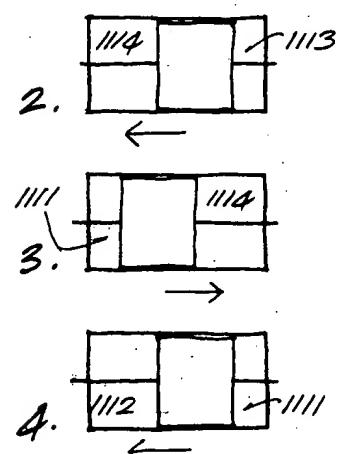


FIG. 39a

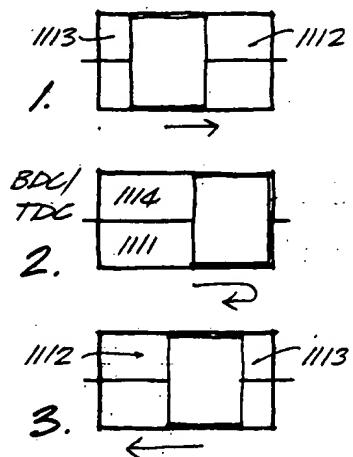
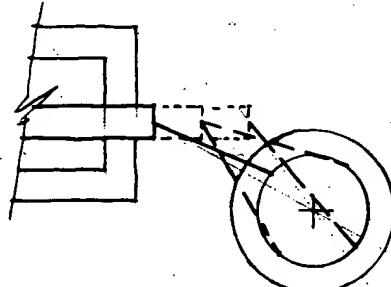


FIG. 39b

FIG. 40



.6/40

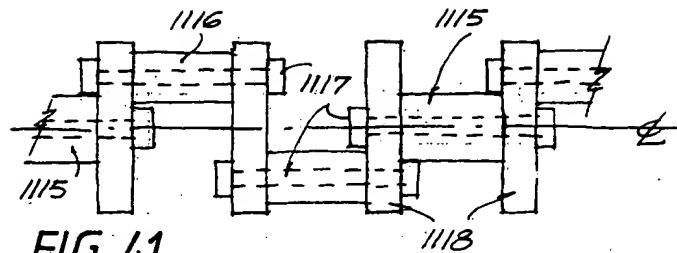


FIG. 41

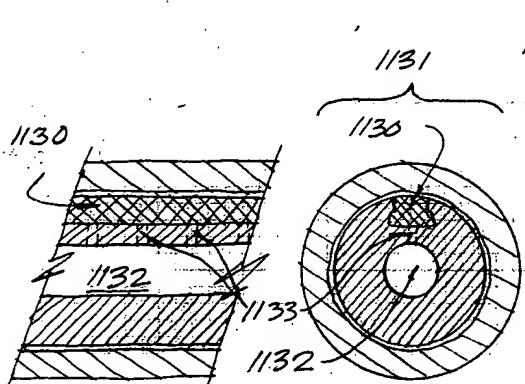


FIG. 43

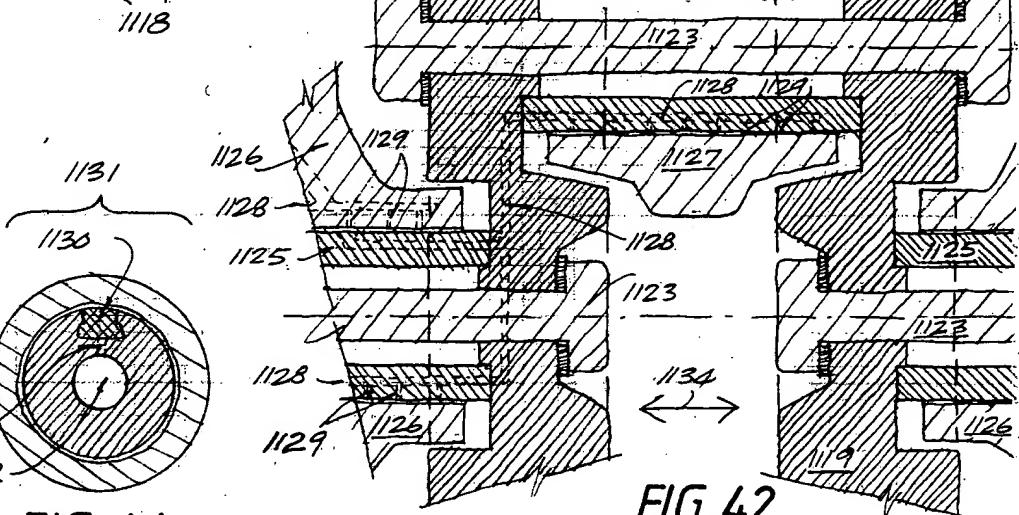


FIG. 42

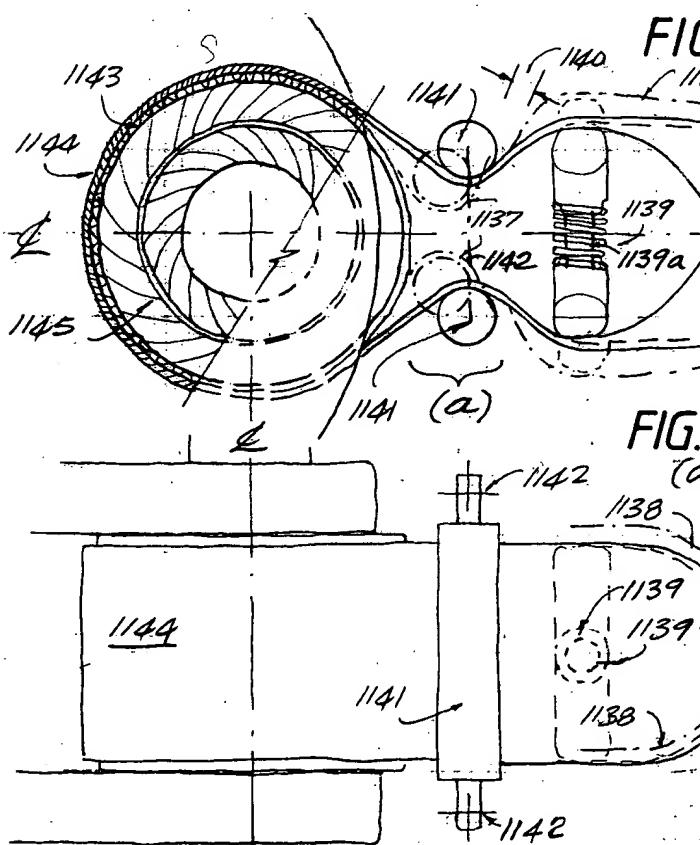


FIG. 46

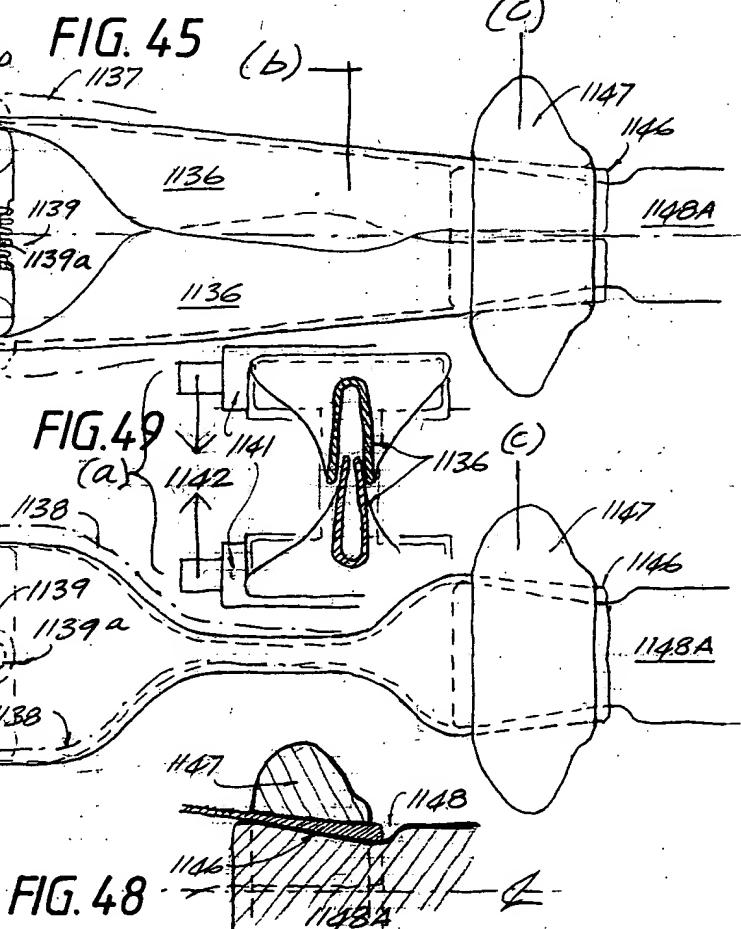


FIG. 48

7140

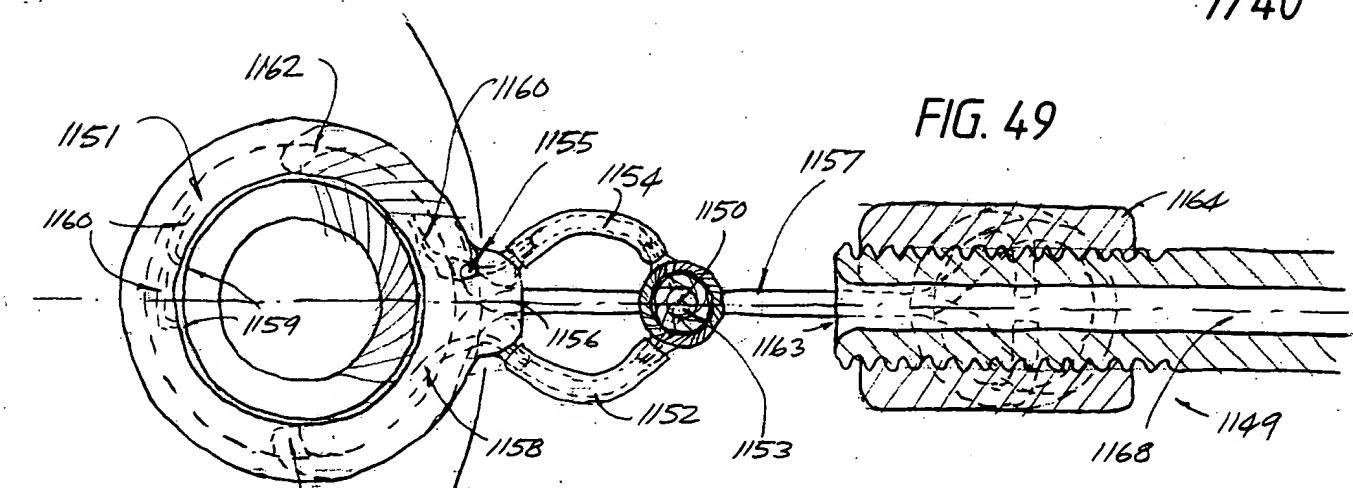


FIG. 49

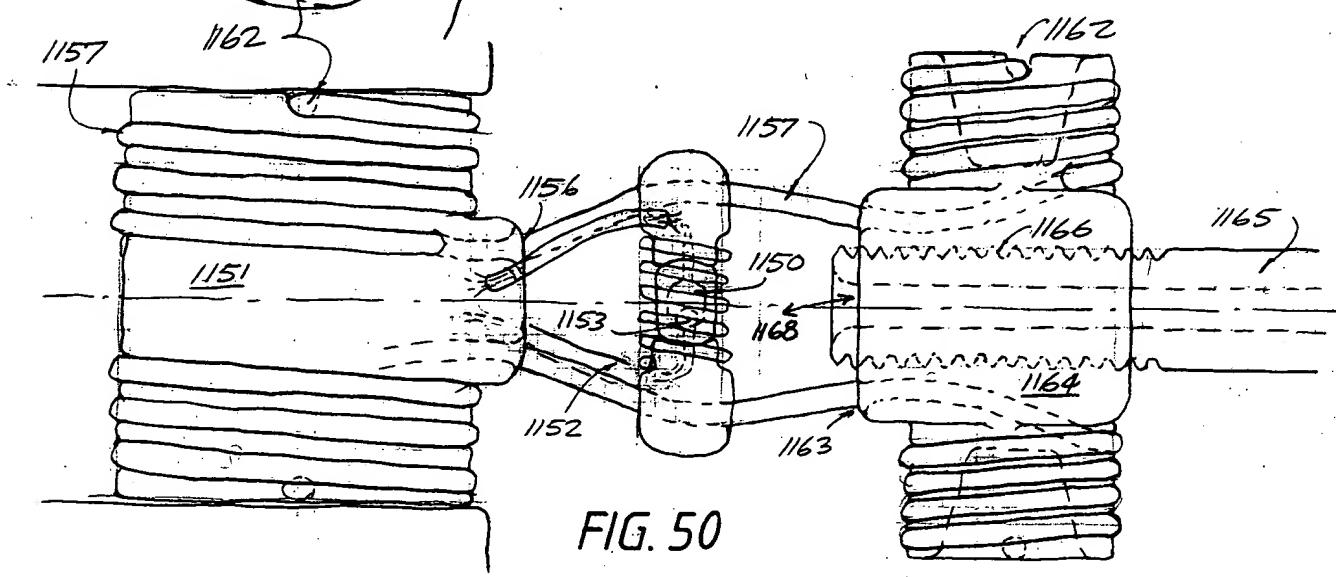


FIG. 50

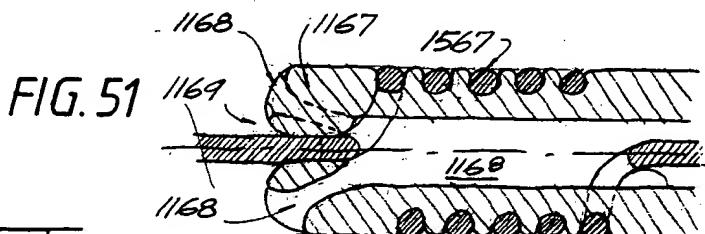


FIG. 51

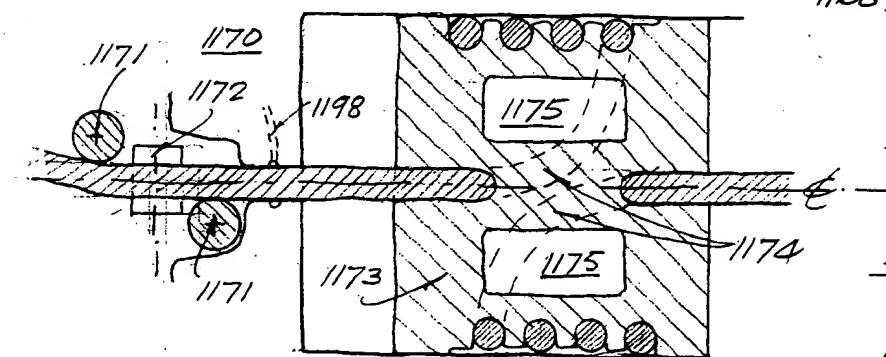


FIG. 52

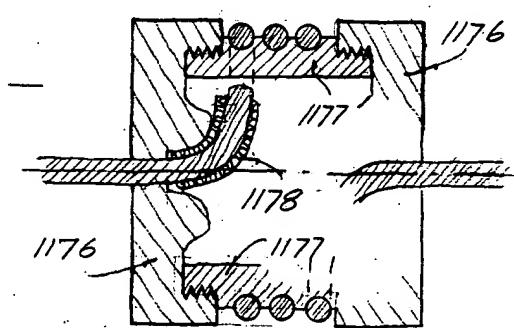


FIG. 53

FIG. 54

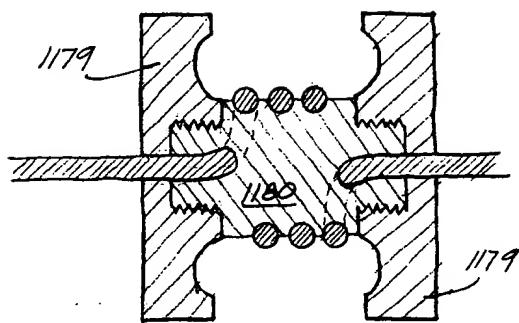


FIG. 55

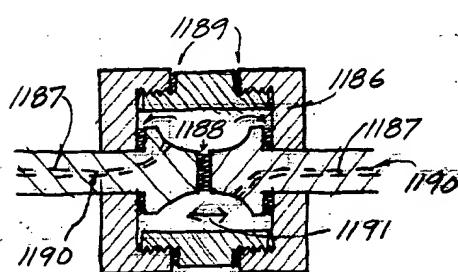
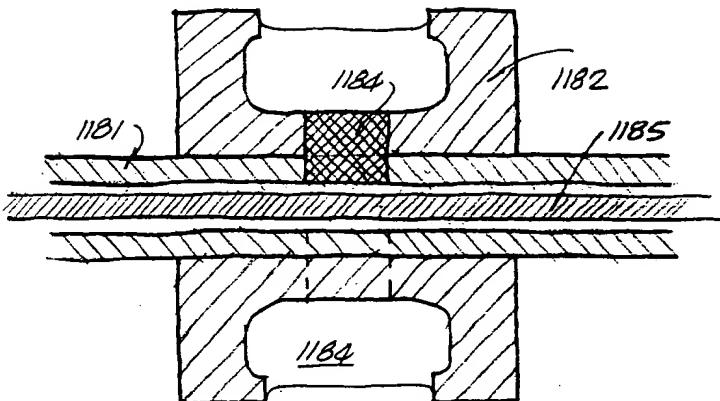


FIG. 56

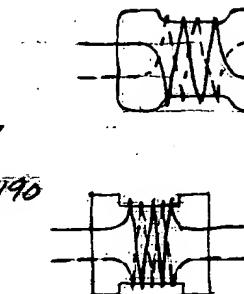


FIG. 57

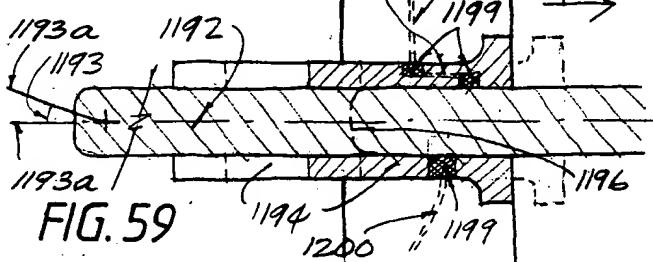


FIG. 59

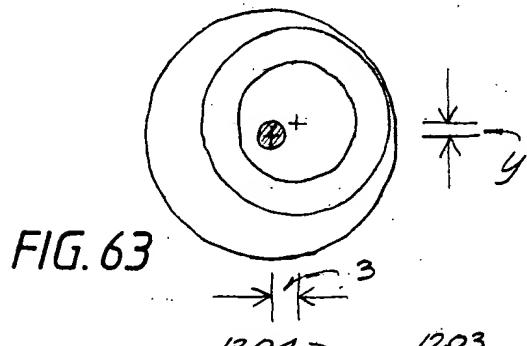


FIG. 63

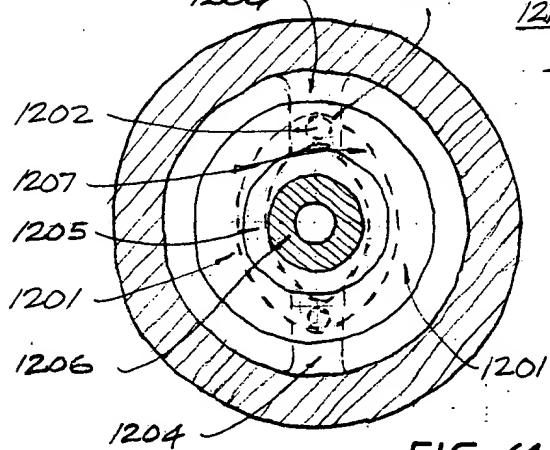


FIG. 61

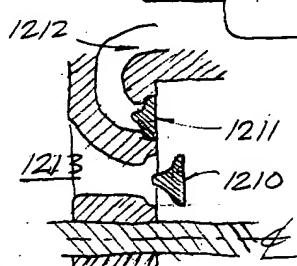


FIG. 64

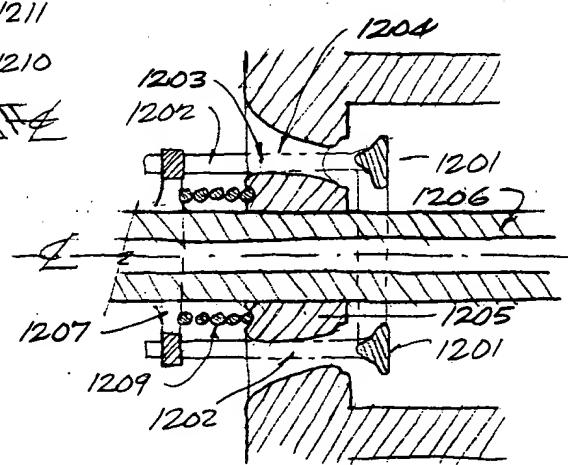


FIG. 62

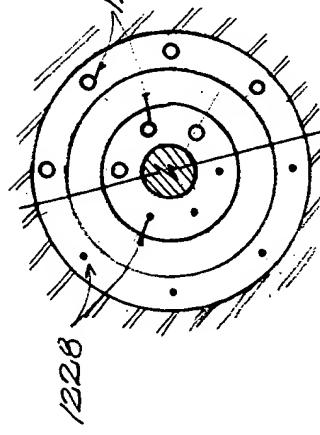


FIG. 65

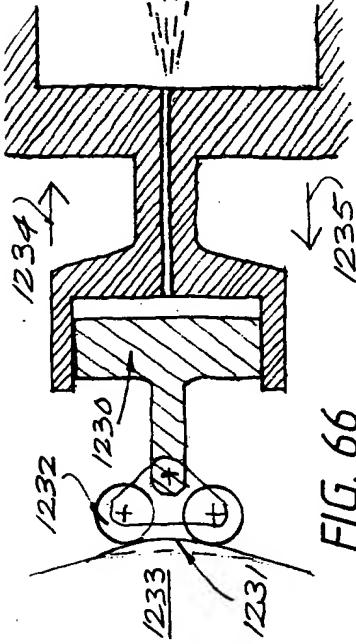


FIG. 66

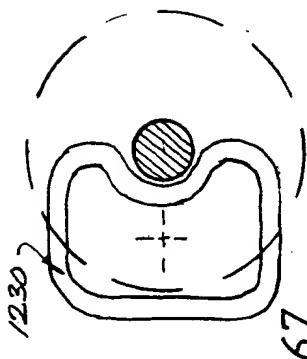


FIG. 67

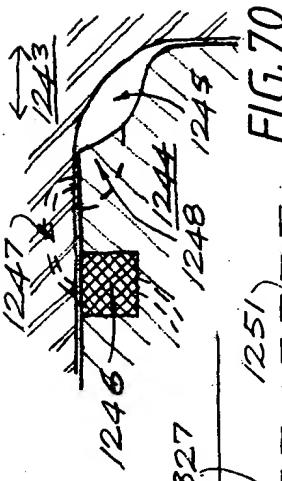


FIG. 70

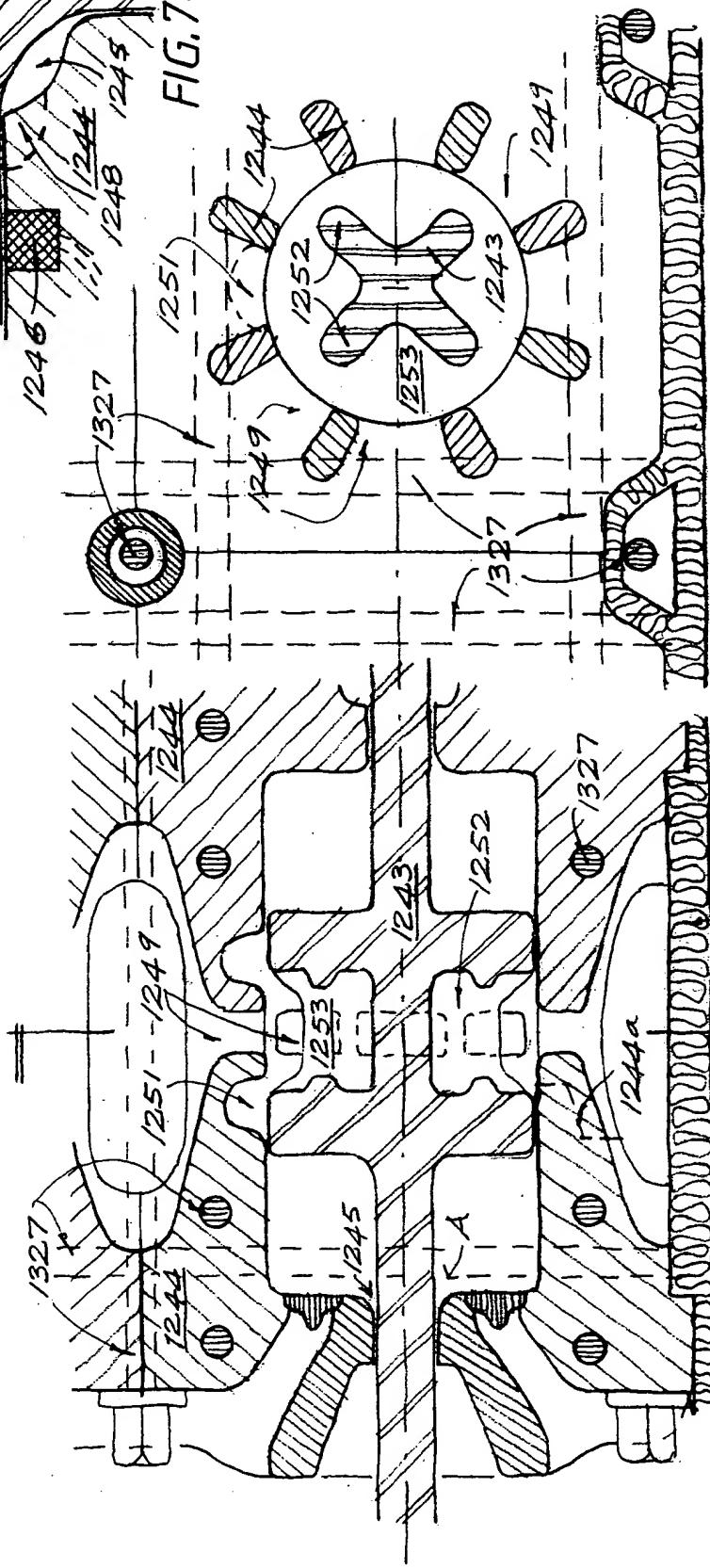


FIG. 68



FIG. 69

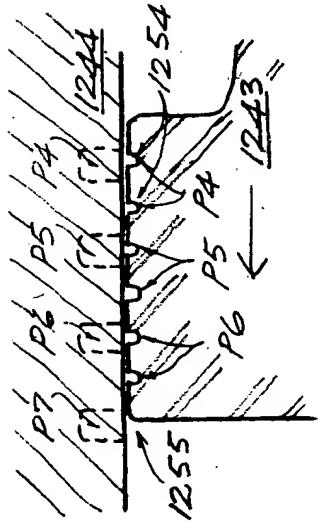


FIG. 71

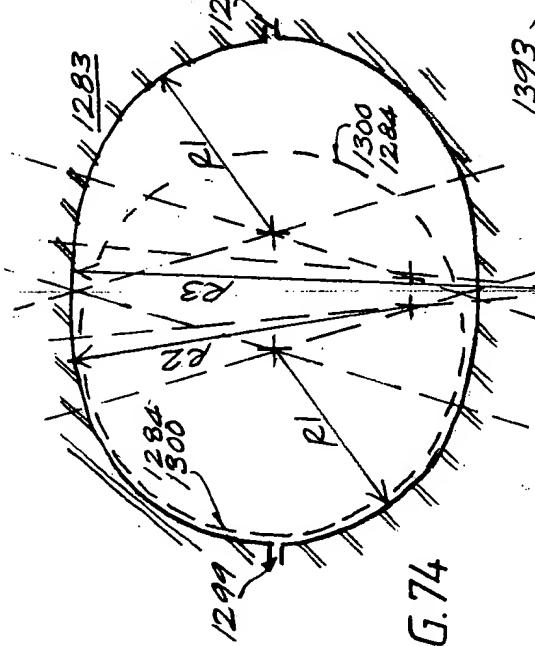


FIG. 74

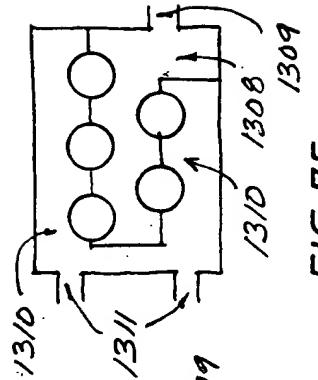


FIG. 75

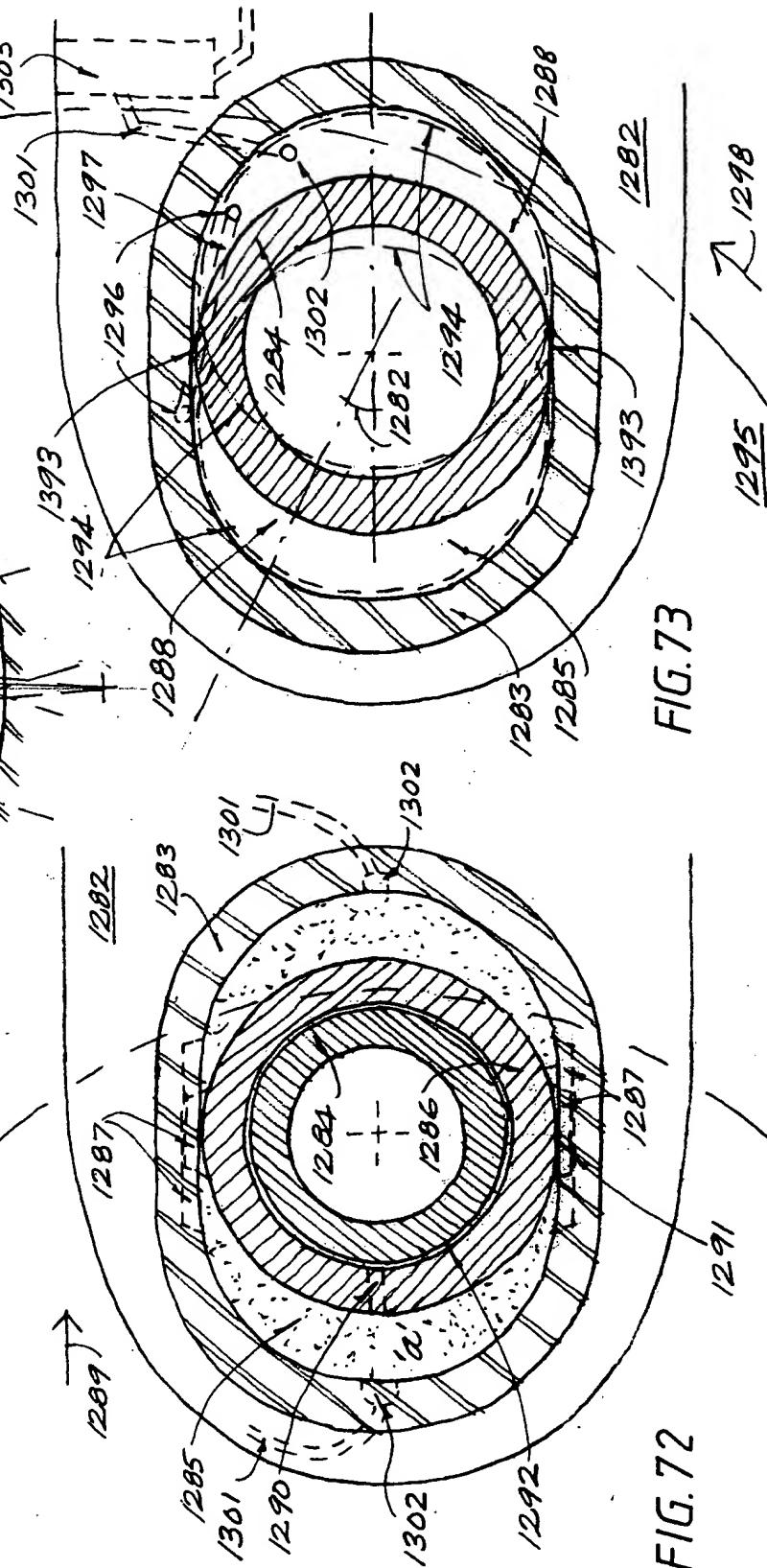


FIG. 72

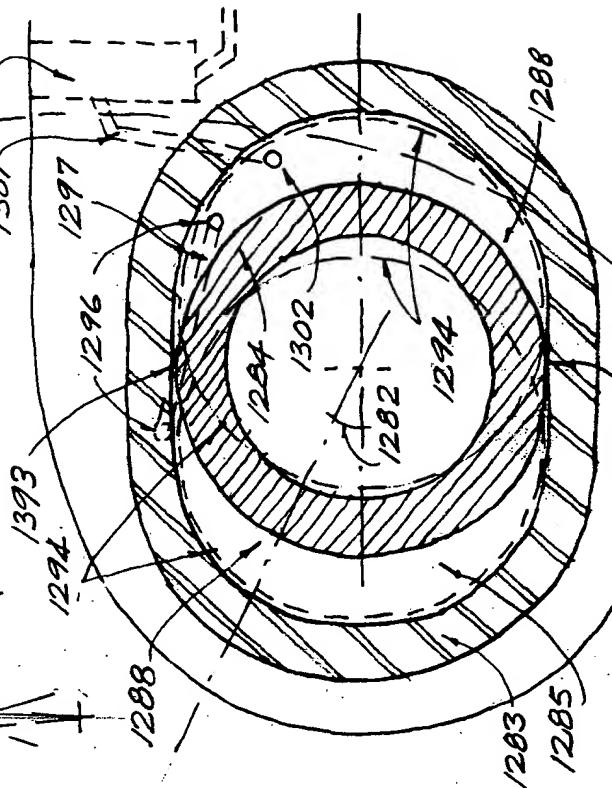
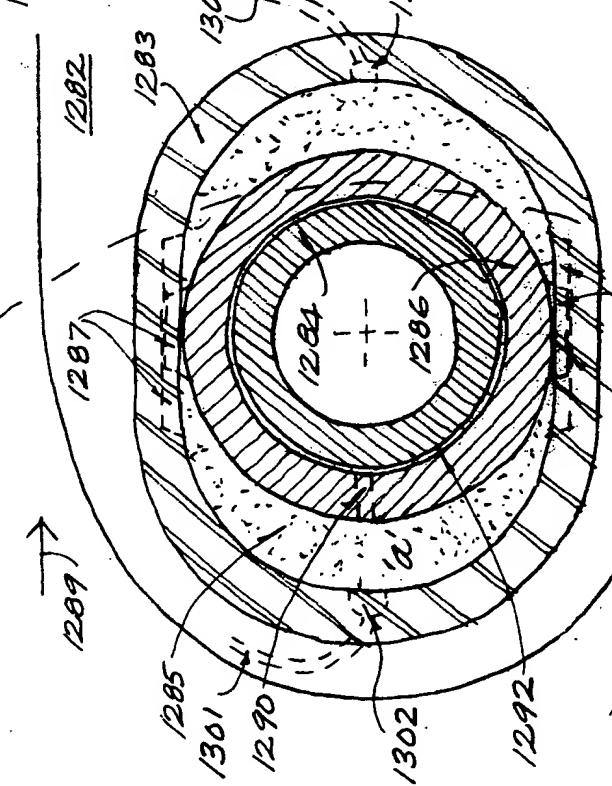


FIG. 73



1295 1298

+

11/40

FIG. 77

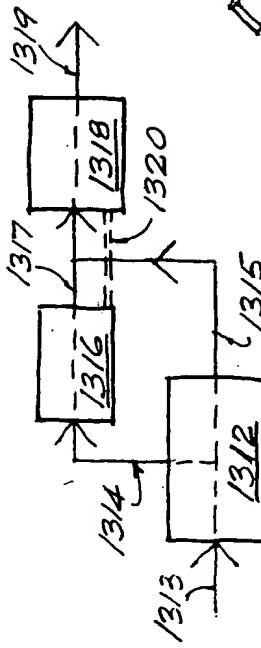
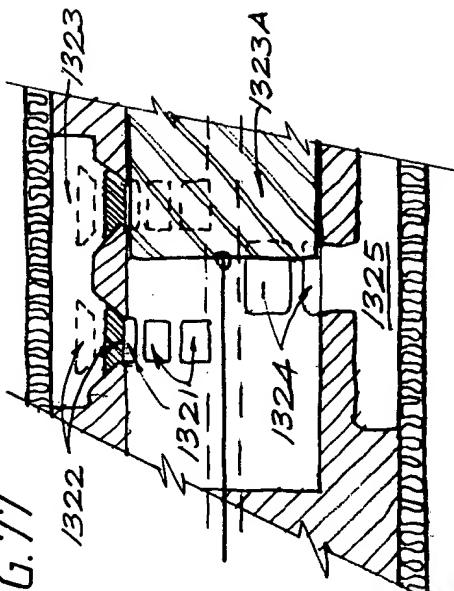


FIG. 76

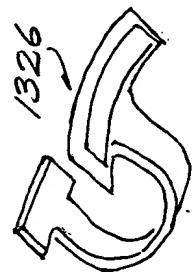


FIG. 79

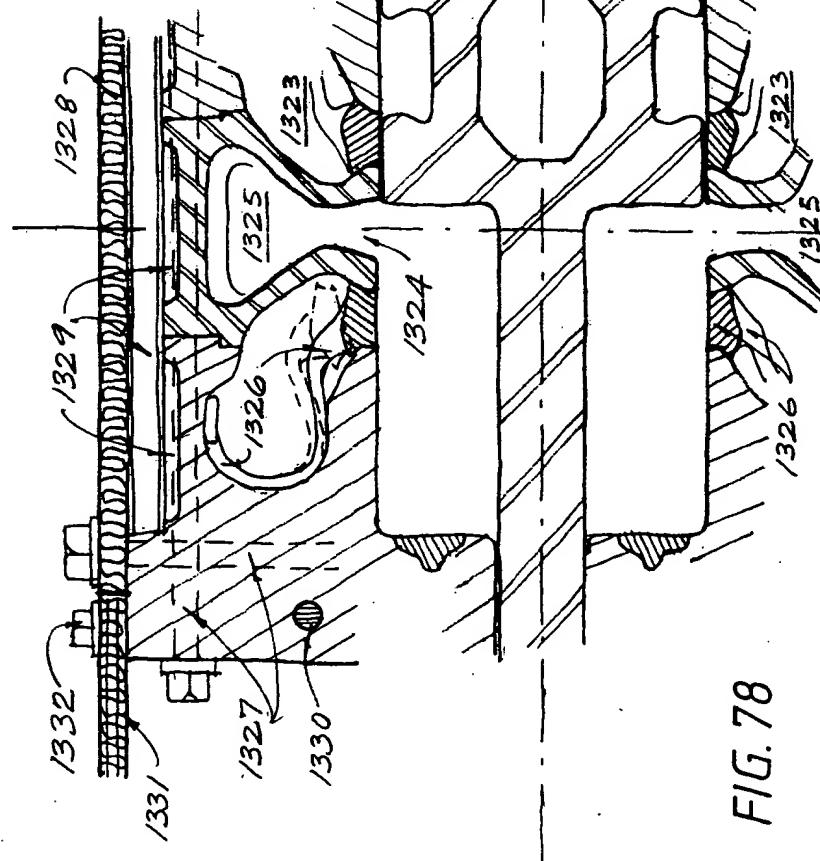


FIG. 78

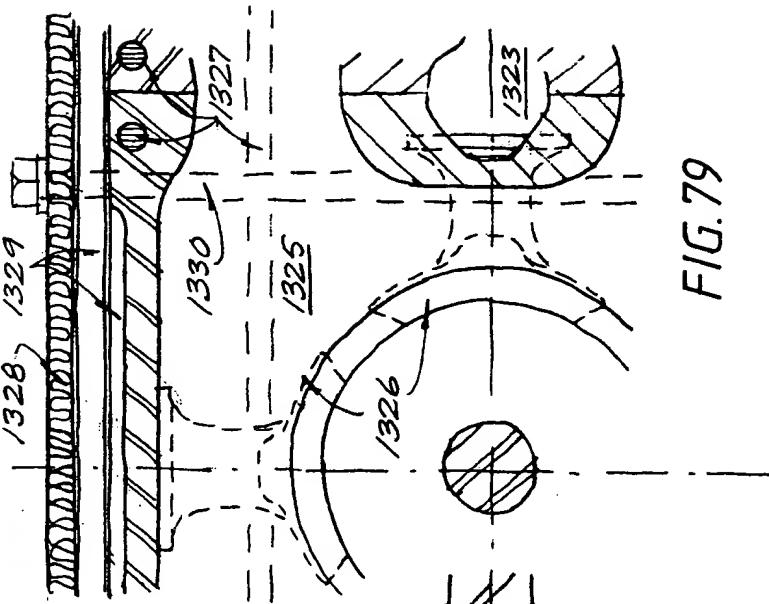


FIG. 80

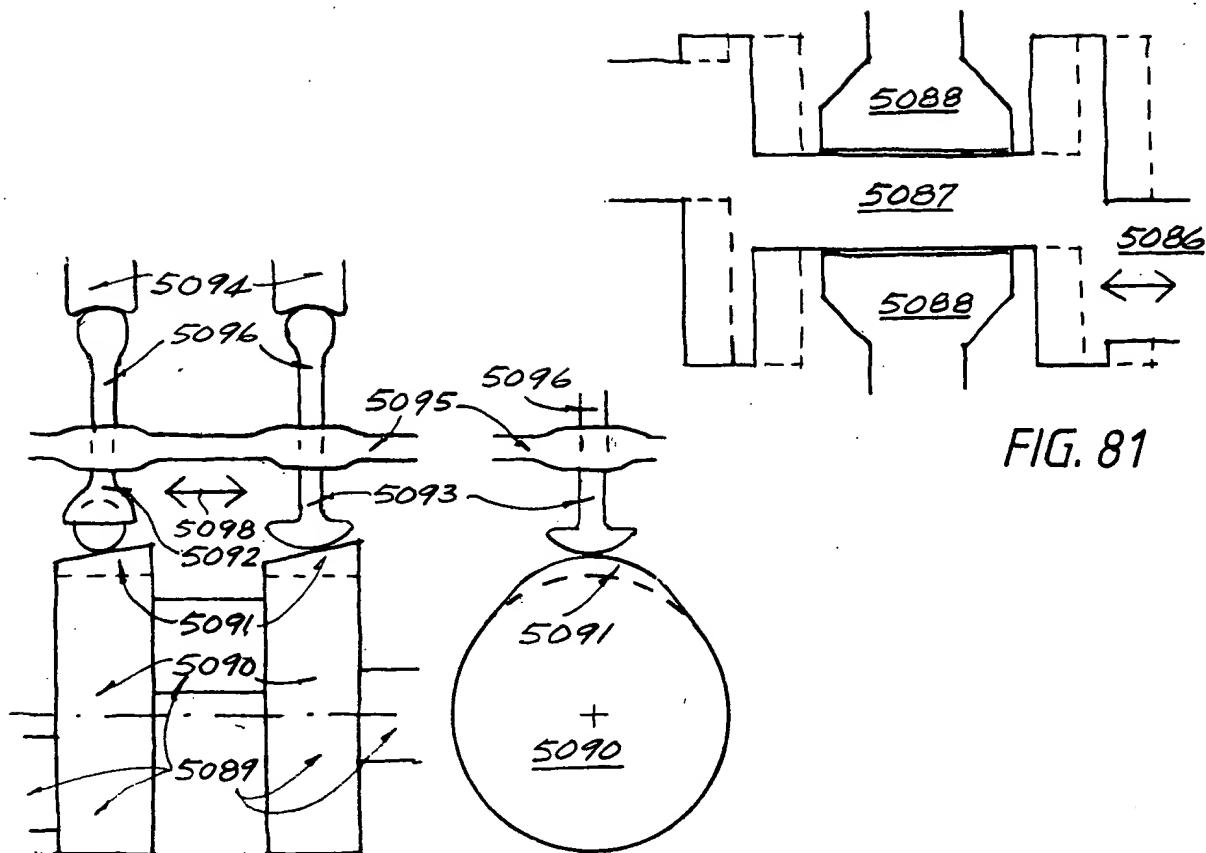


FIG. 81

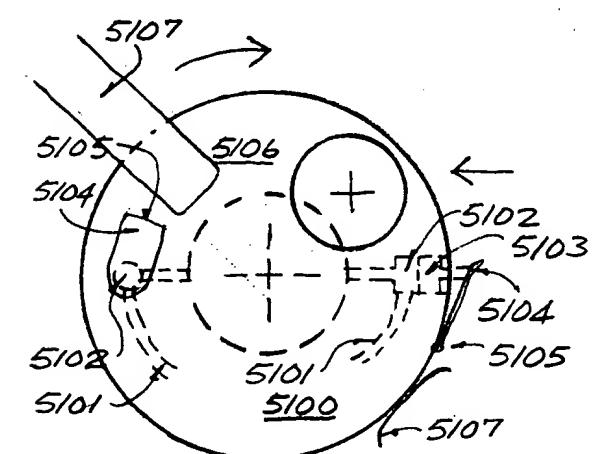


FIG. 82

FIG. 83

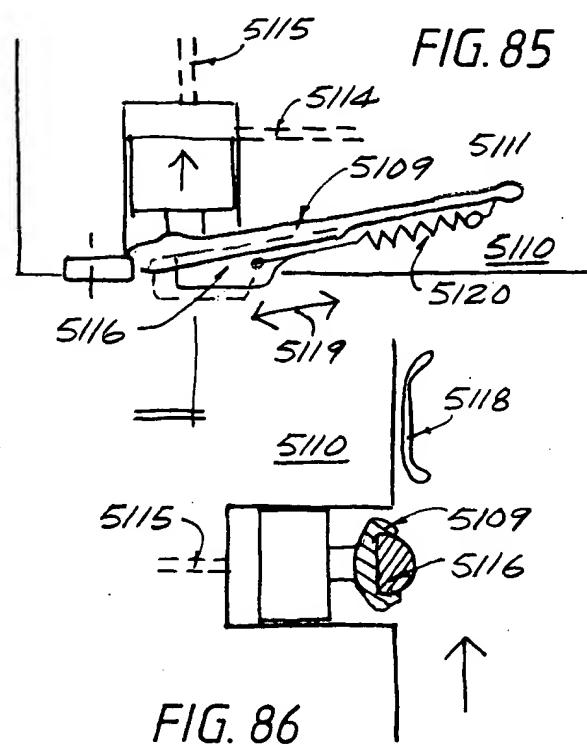


FIG. 83

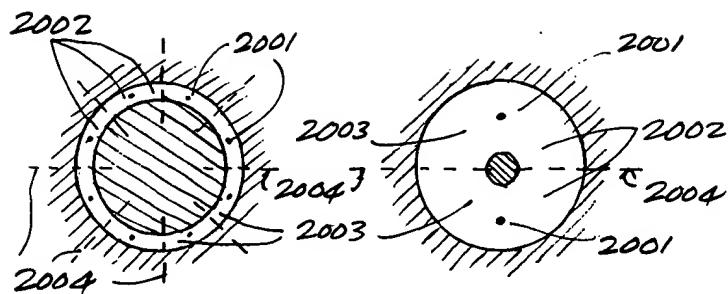
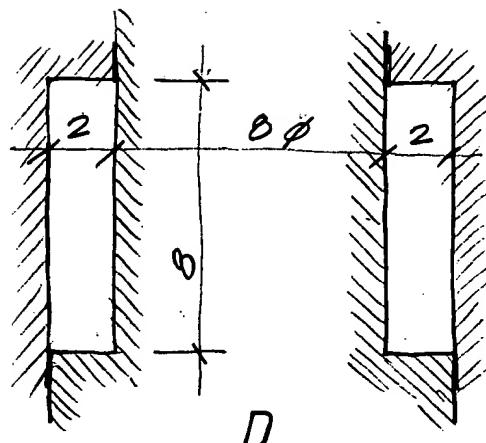


FIG. 88

FIG. 87



13/40

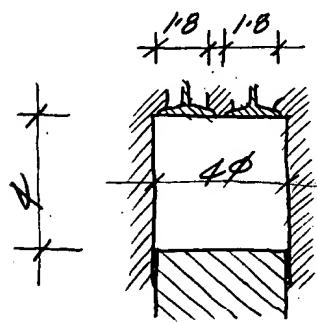
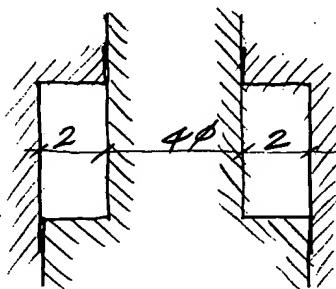
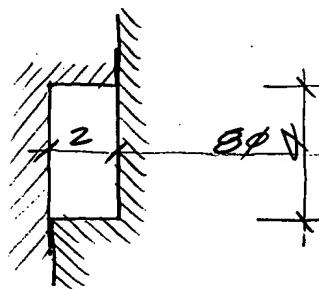


FIG. 89

A



B



C

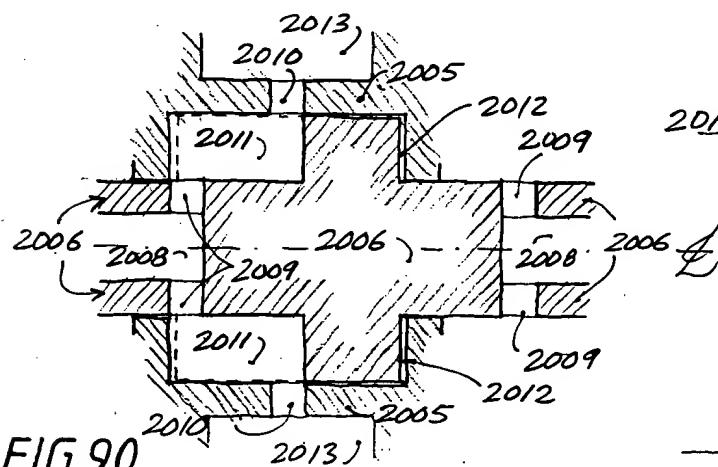
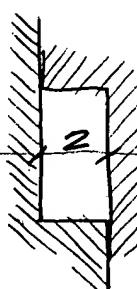


FIG. 90

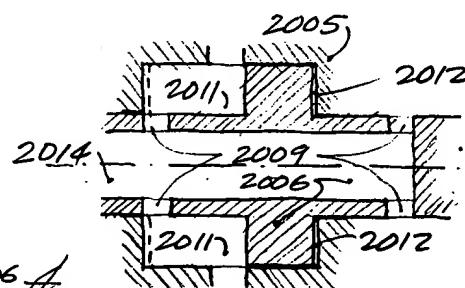


FIG. 91

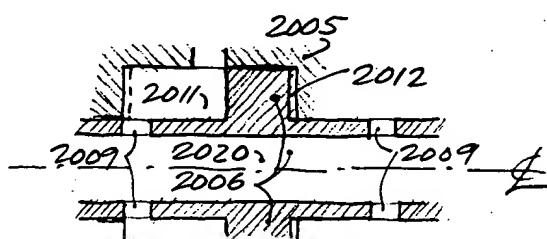


FIG. 92

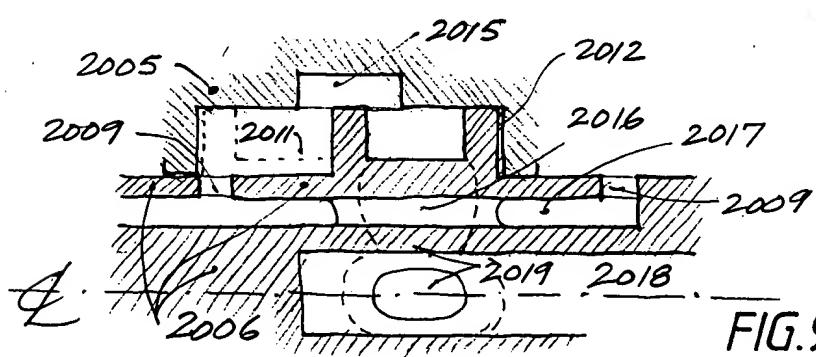


FIG. 93

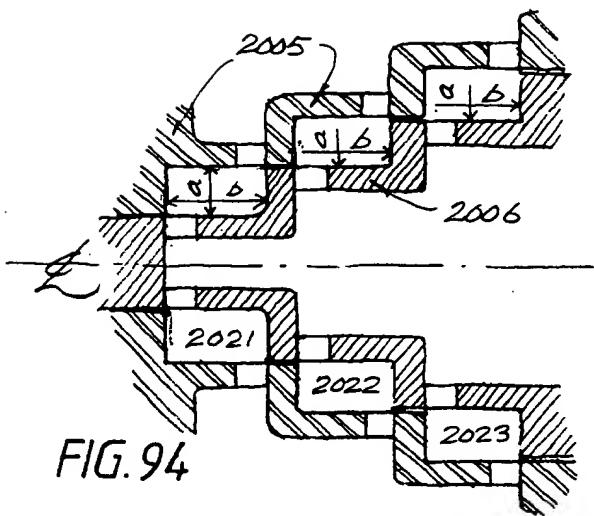


FIG. 94

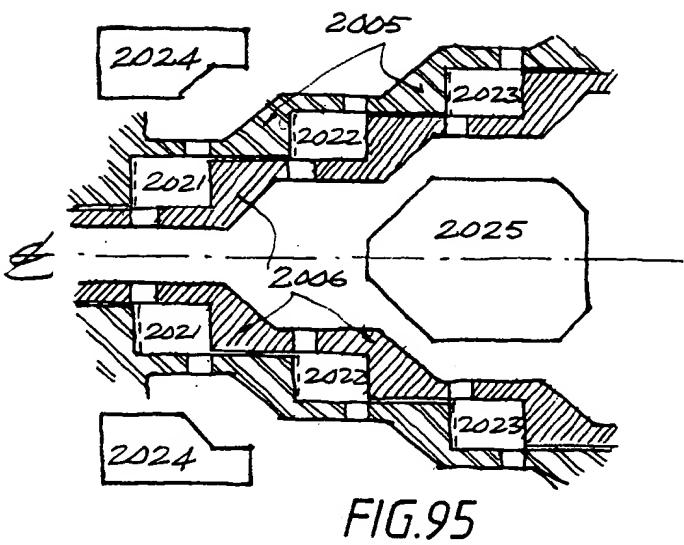


FIG. 95

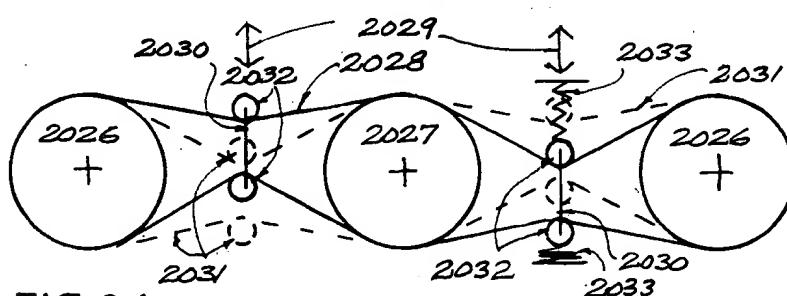


FIG. 96

FIG. 97

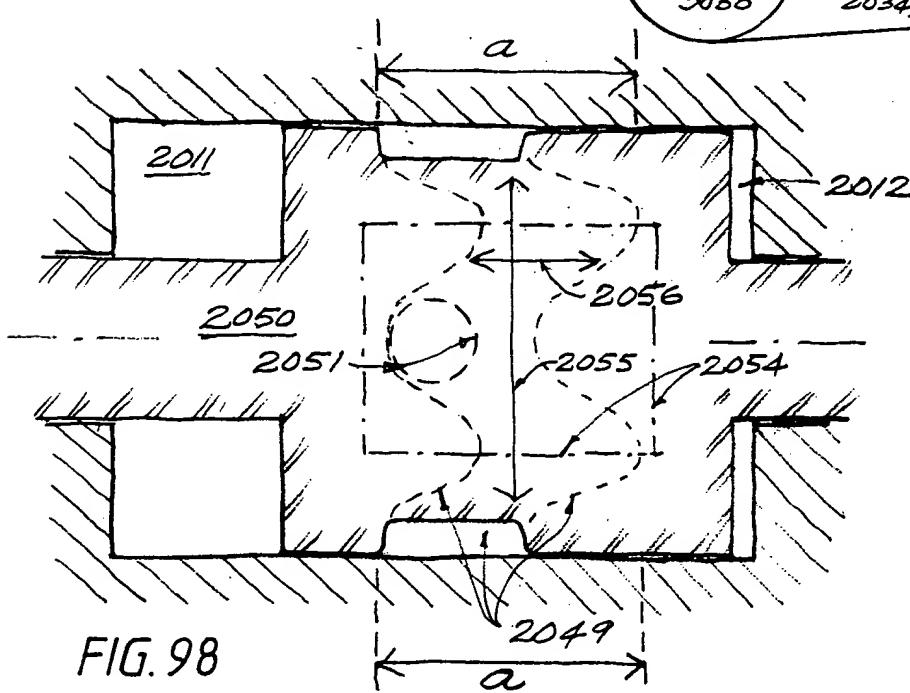
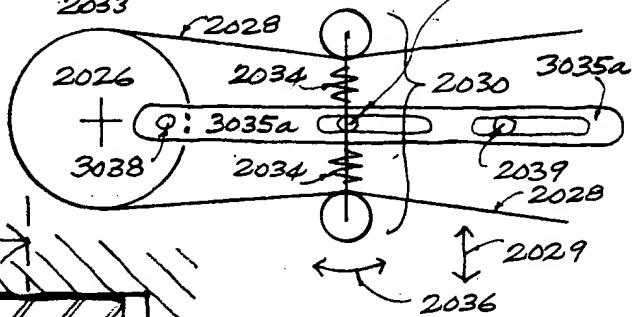


FIG. 98

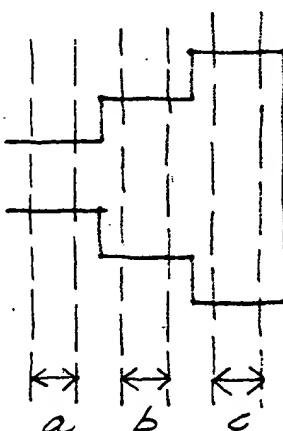


FIG. 99

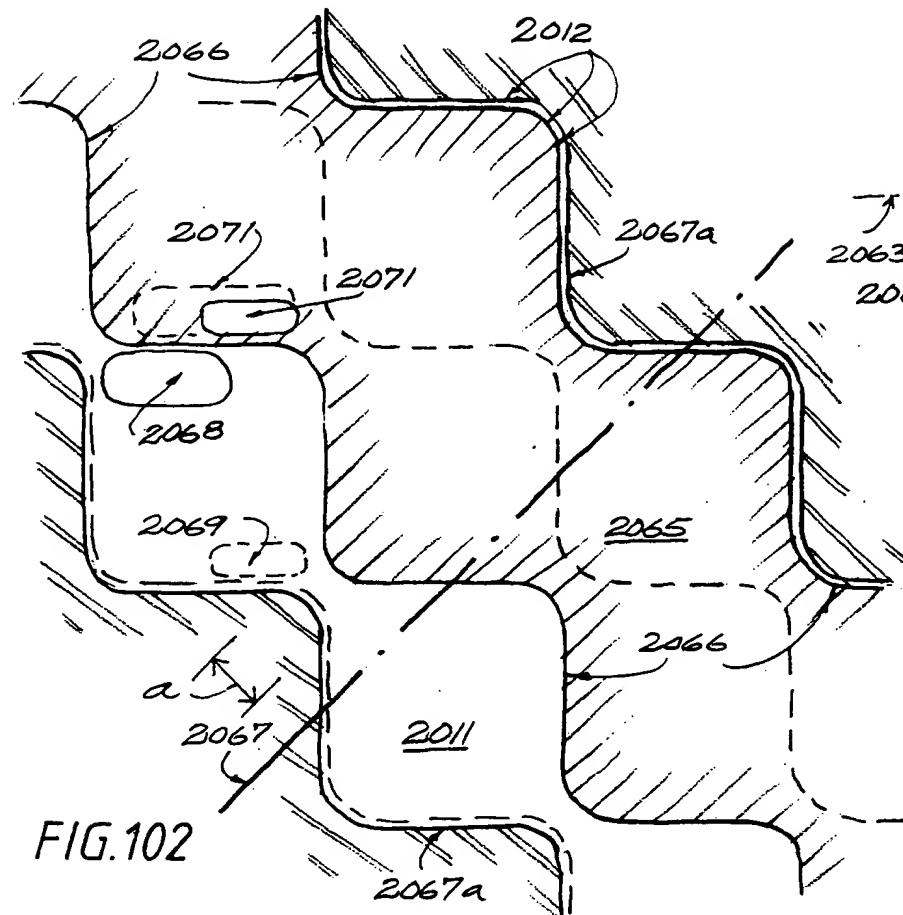


FIG. 102

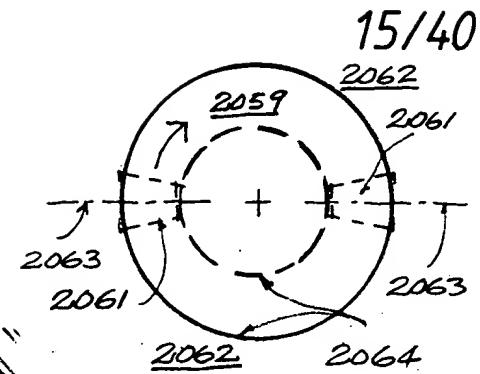


FIG. 101

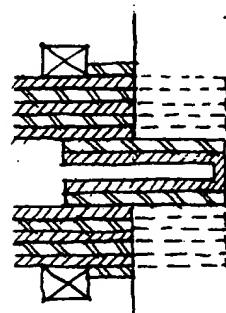


FIG. 100

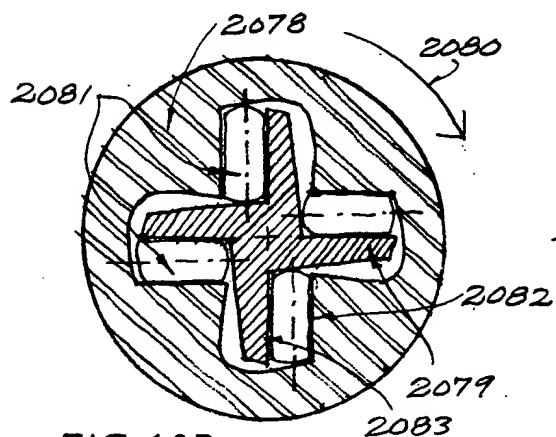


FIG. 103

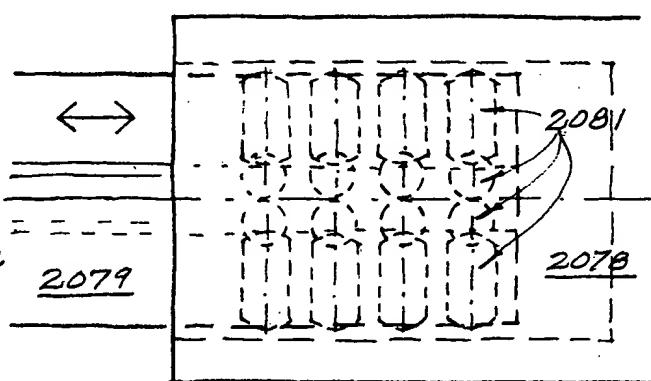


FIG. 104

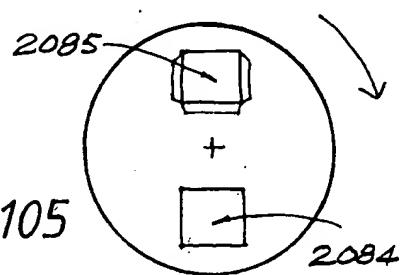


FIG. 105

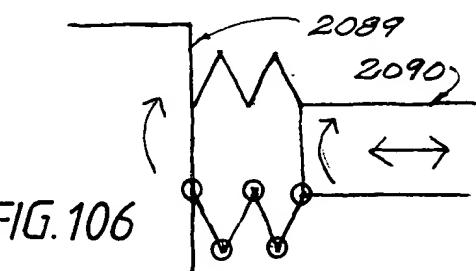


FIG. 106

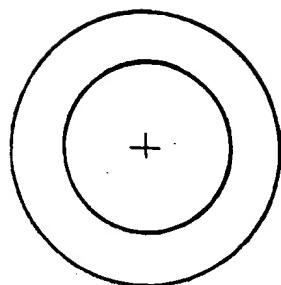


FIG. 107

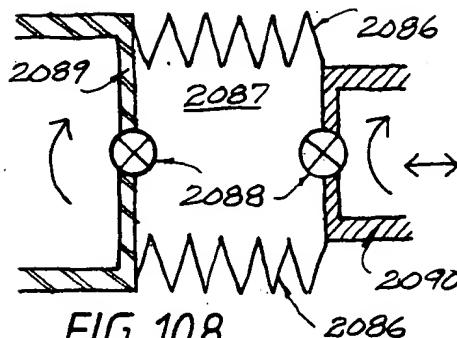


FIG. 108

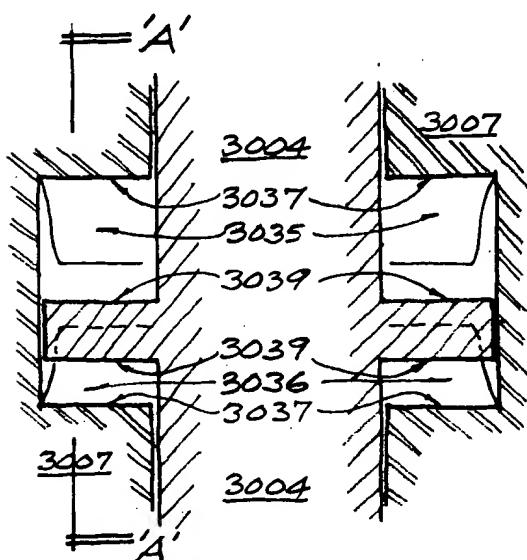


FIG. 109

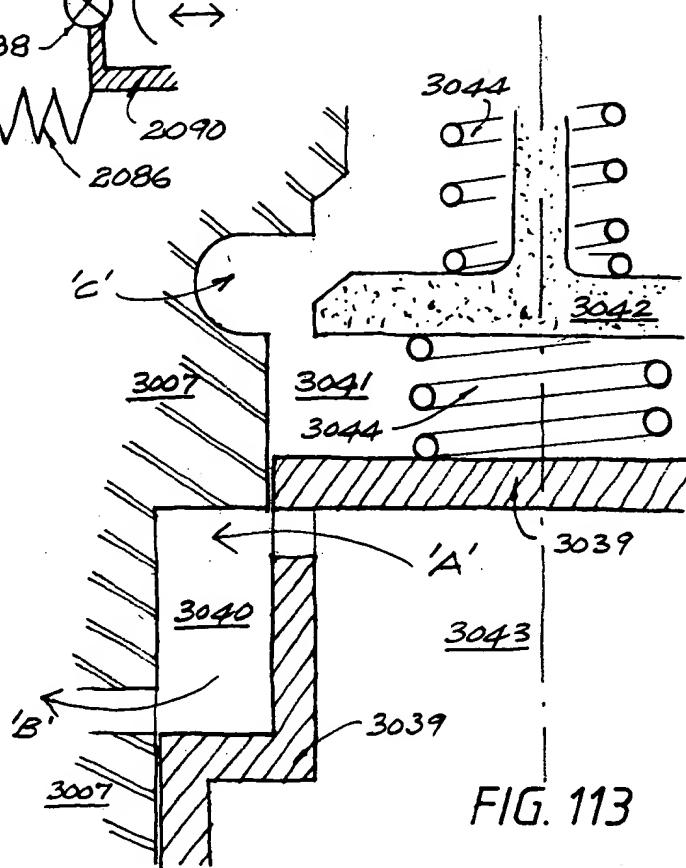


FIG. 113

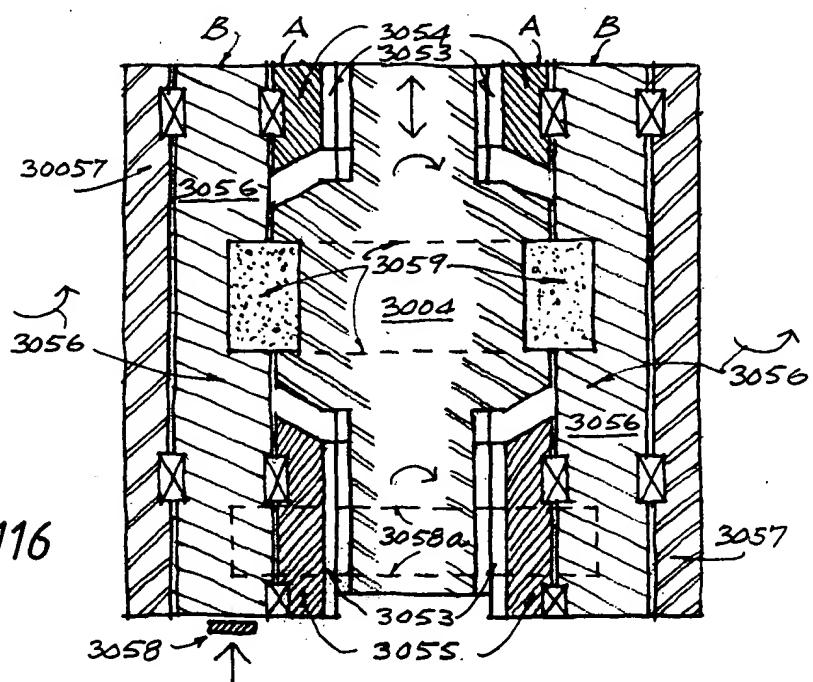


FIG. 116

FIG. 110

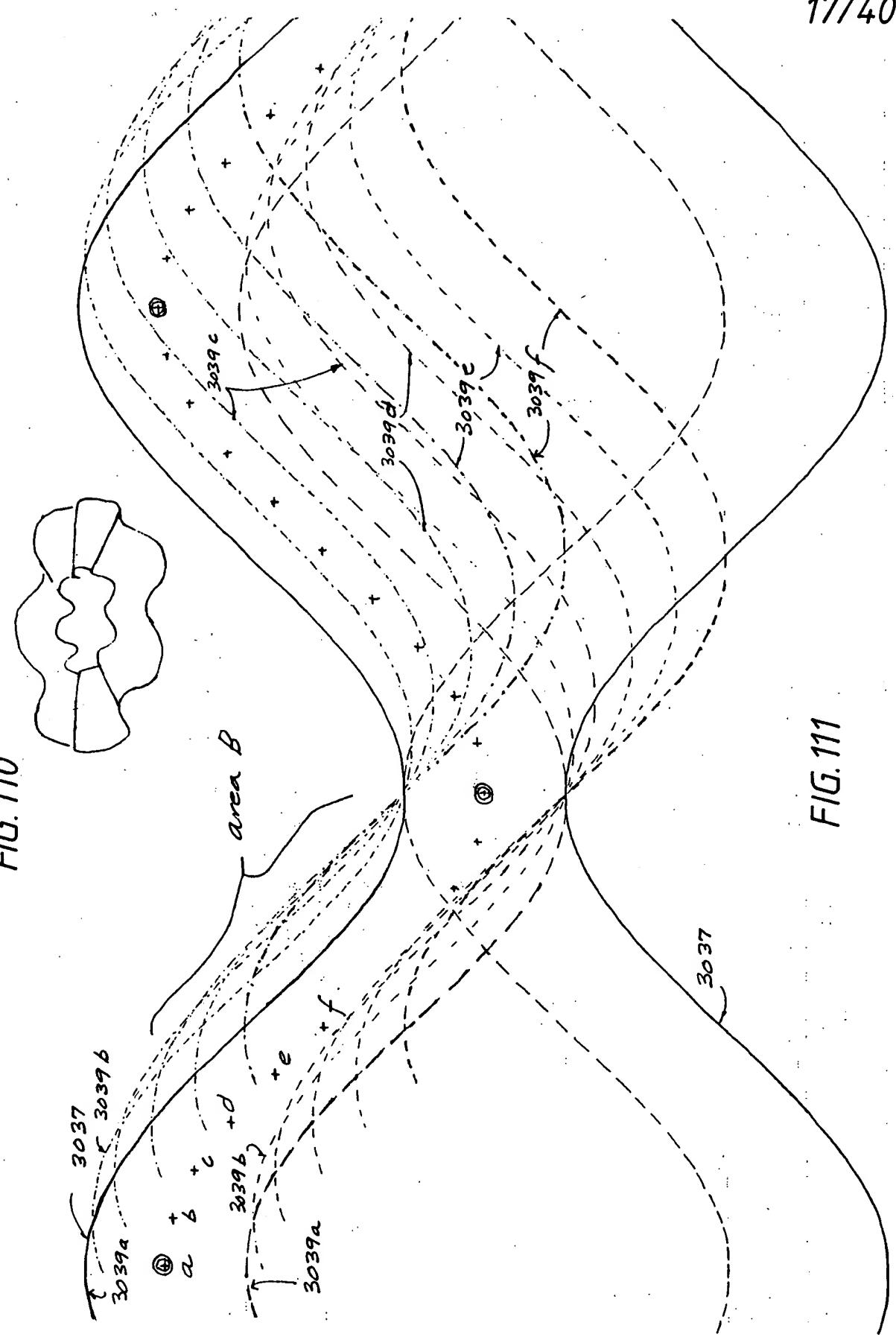


FIG. 111

17/40

18/40

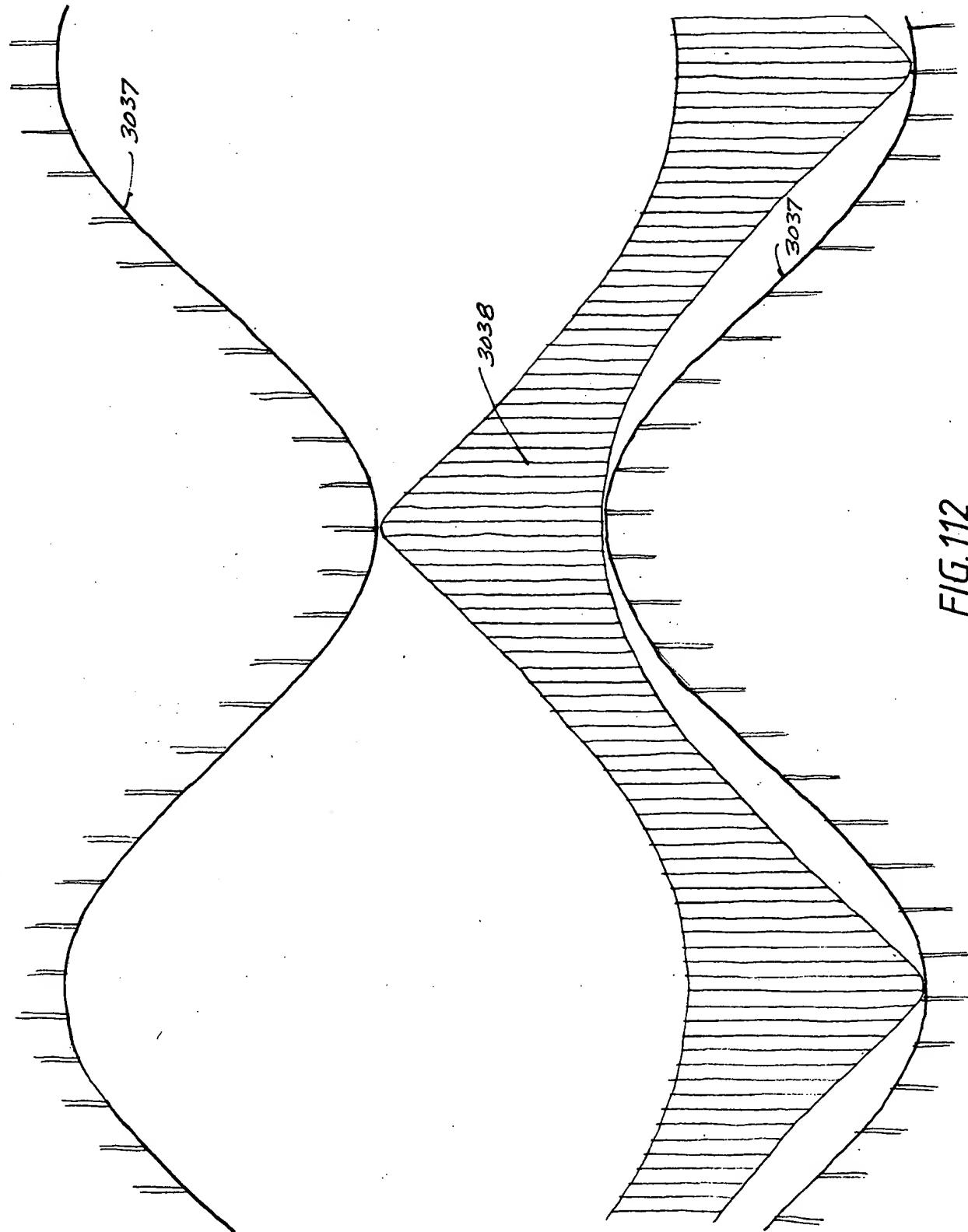


FIG. 112

19/40

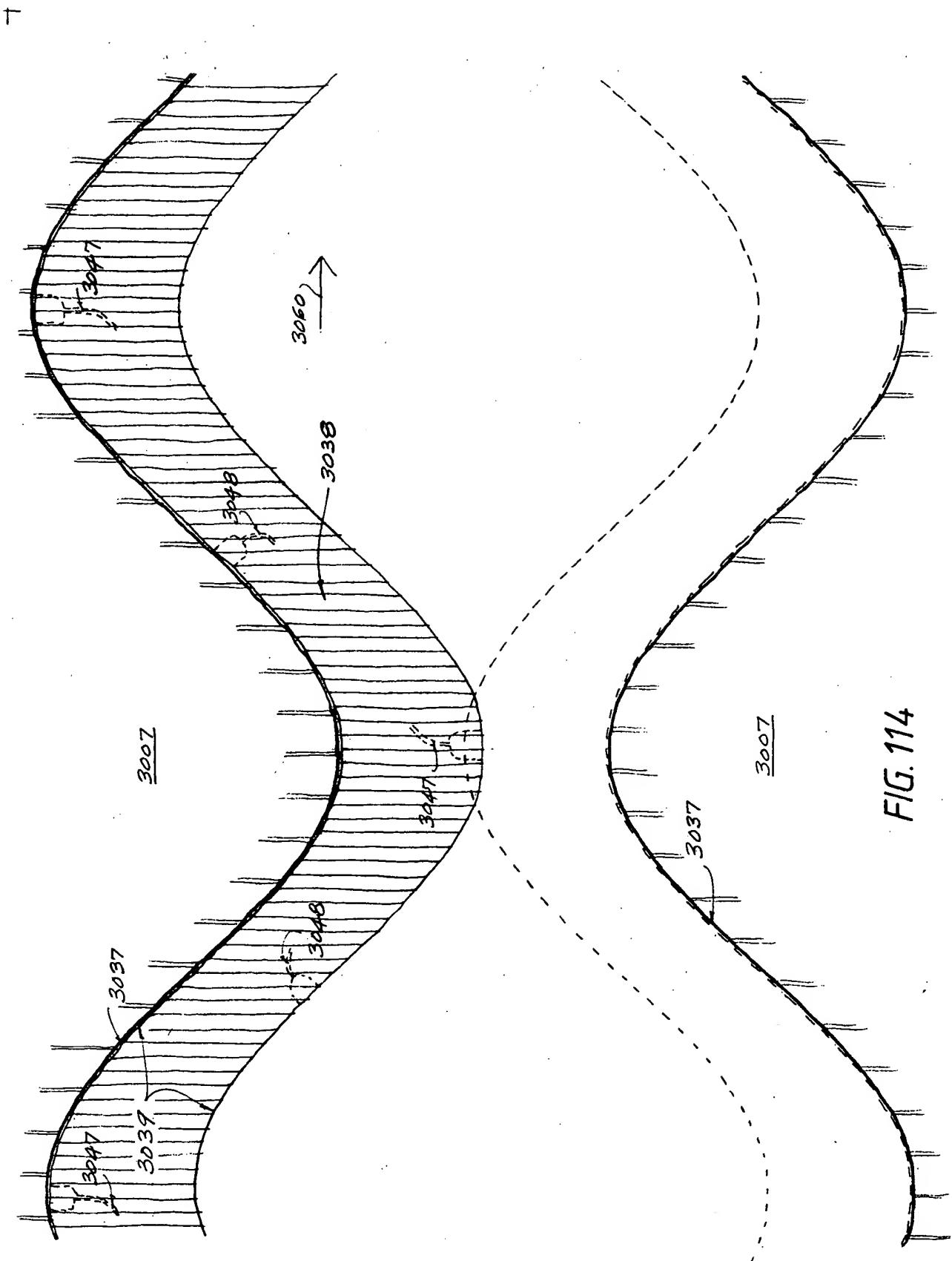


FIG. 114

20/40

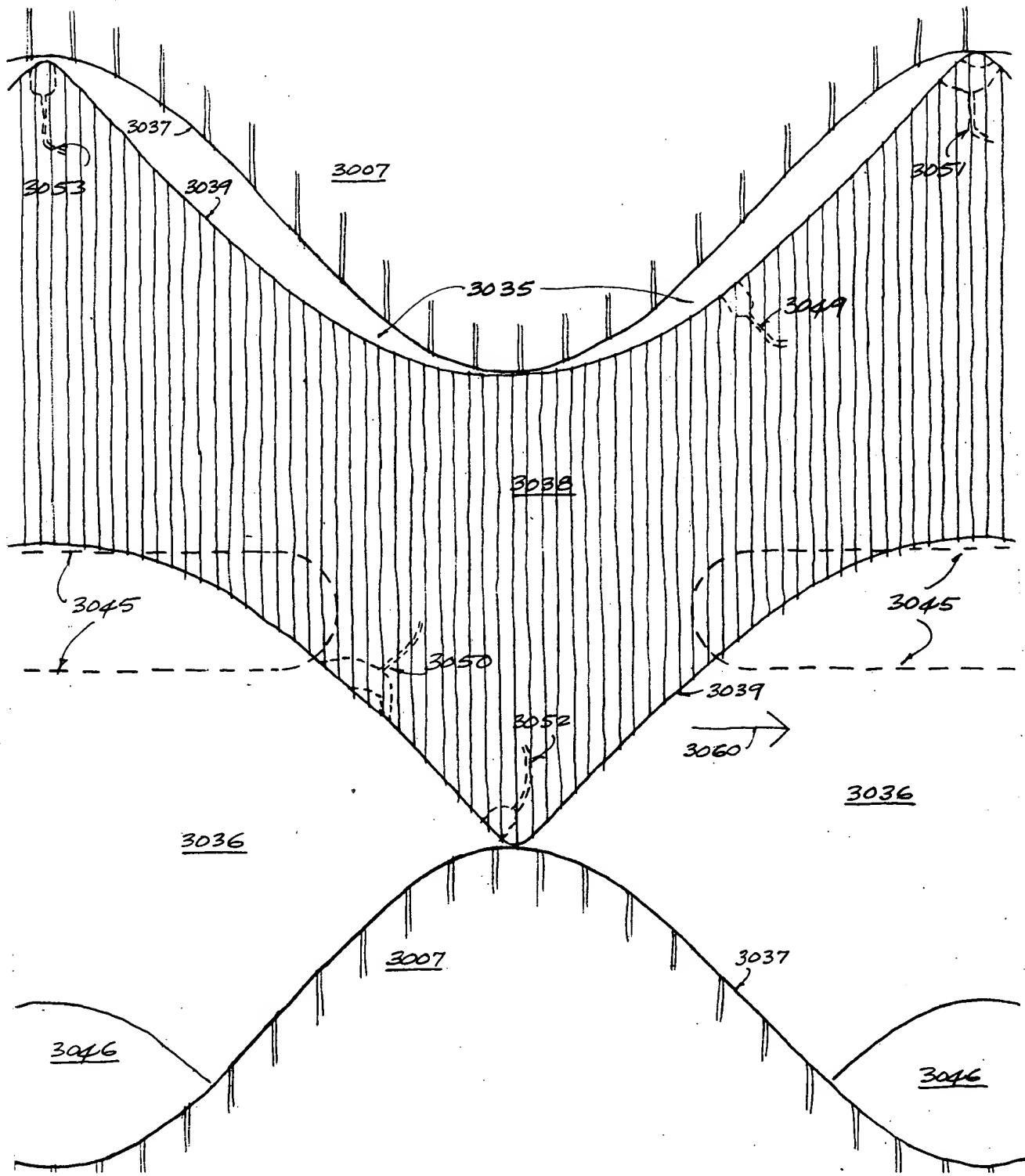


FIG. 115

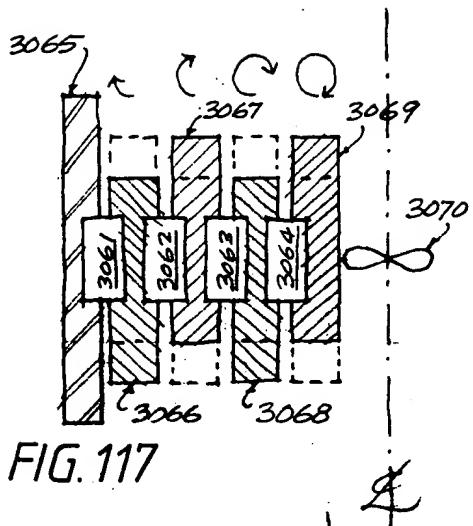


FIG. 117

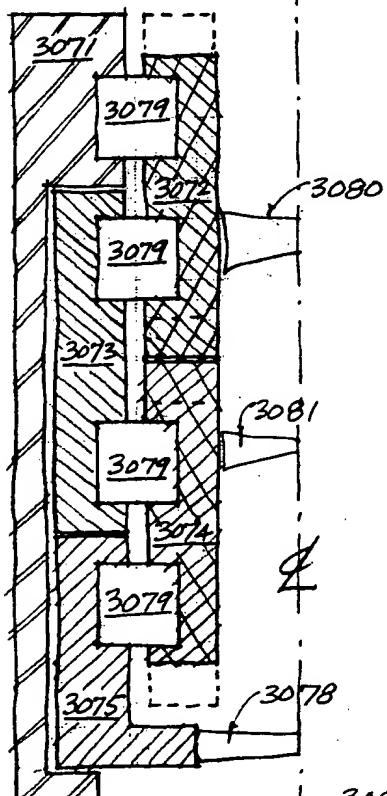


FIG. 118

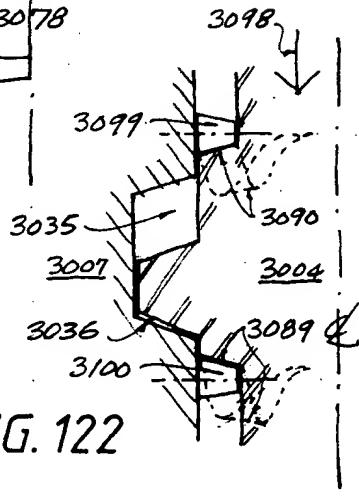


FIG. 122

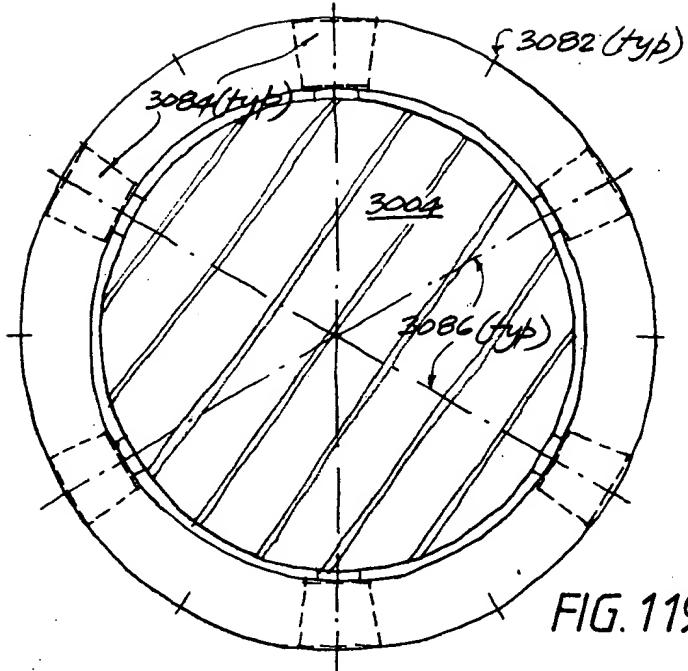


FIG. 119

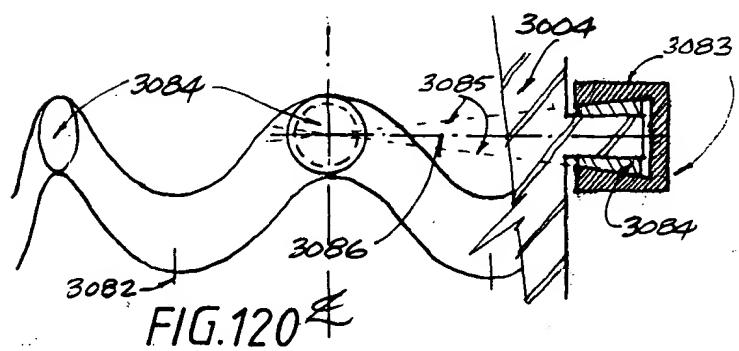


FIG. 120

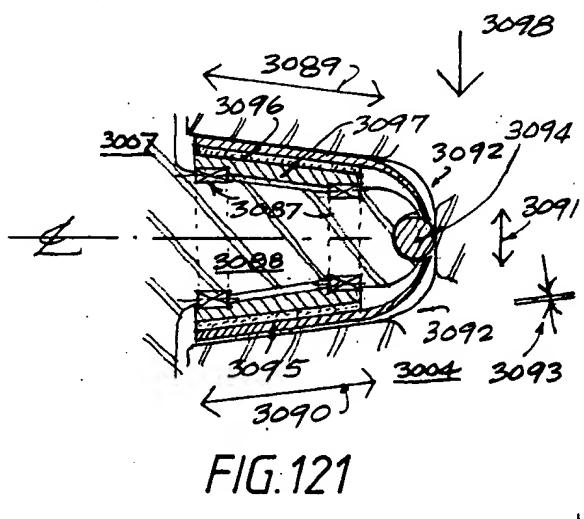


FIG. 121

FIG. 125

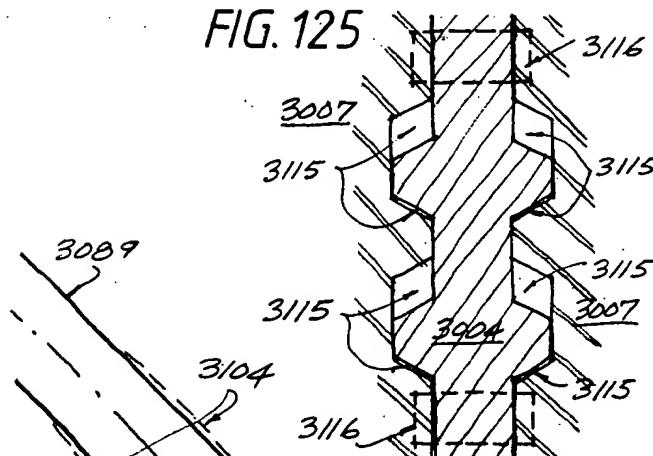


FIG. 123

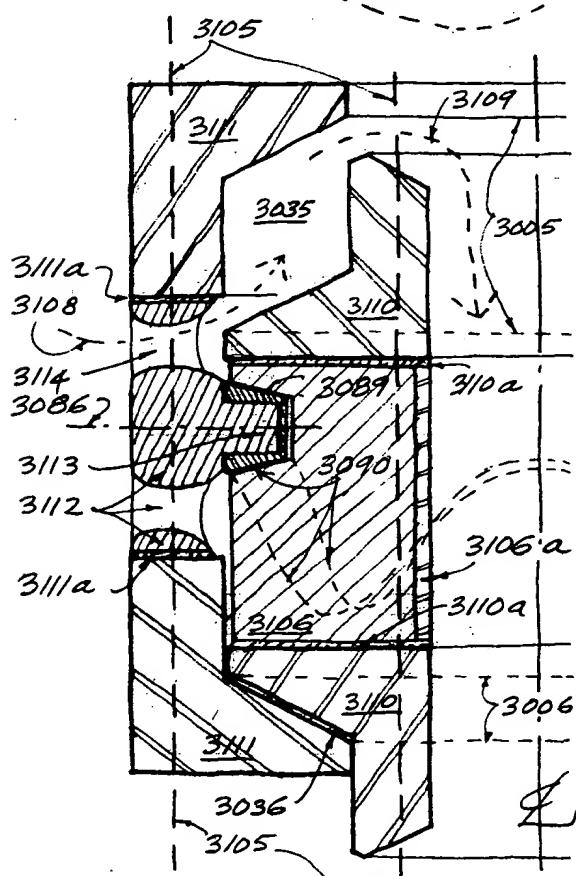


FIG. 124

FIG. 128

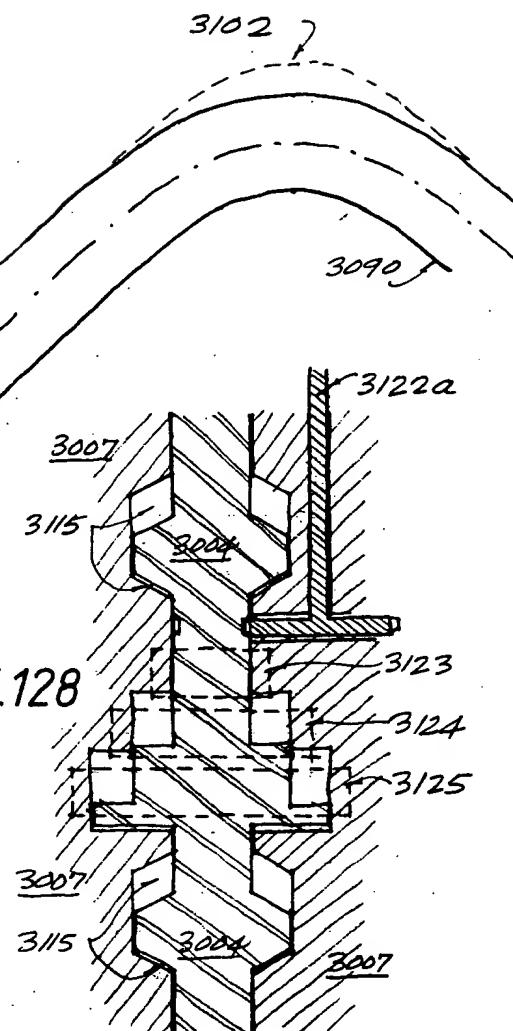


FIG. 127

FIG. 126

23/40

FIG.129

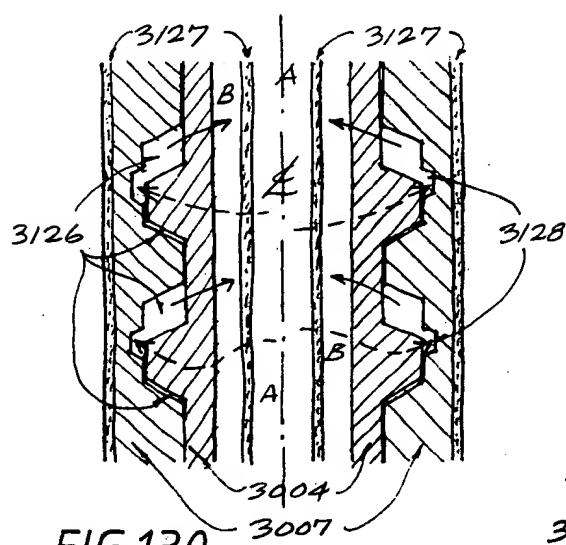
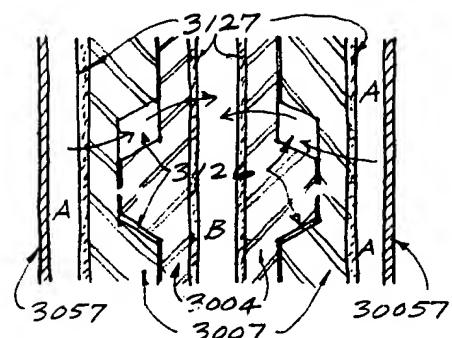


FIG.130

FIG. 131

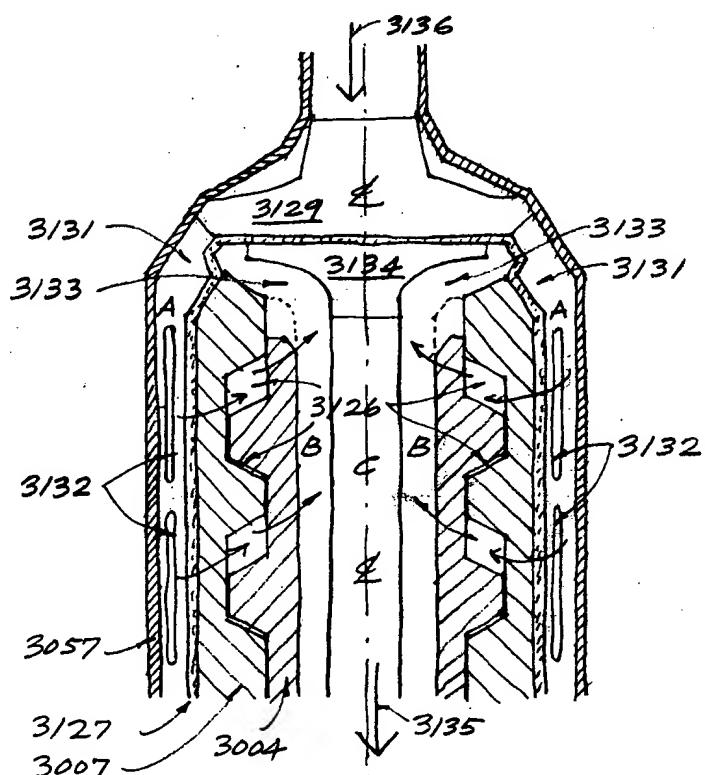
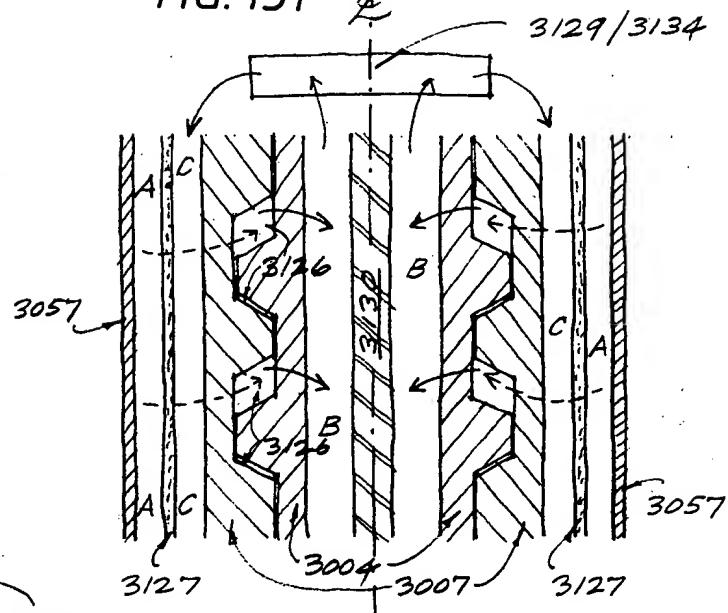


FIG.132

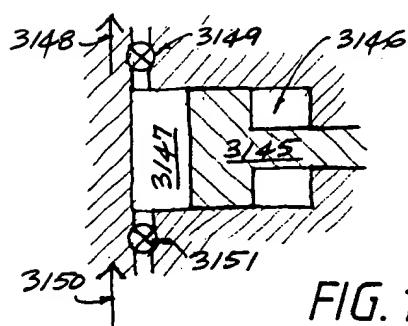


FIG. 134

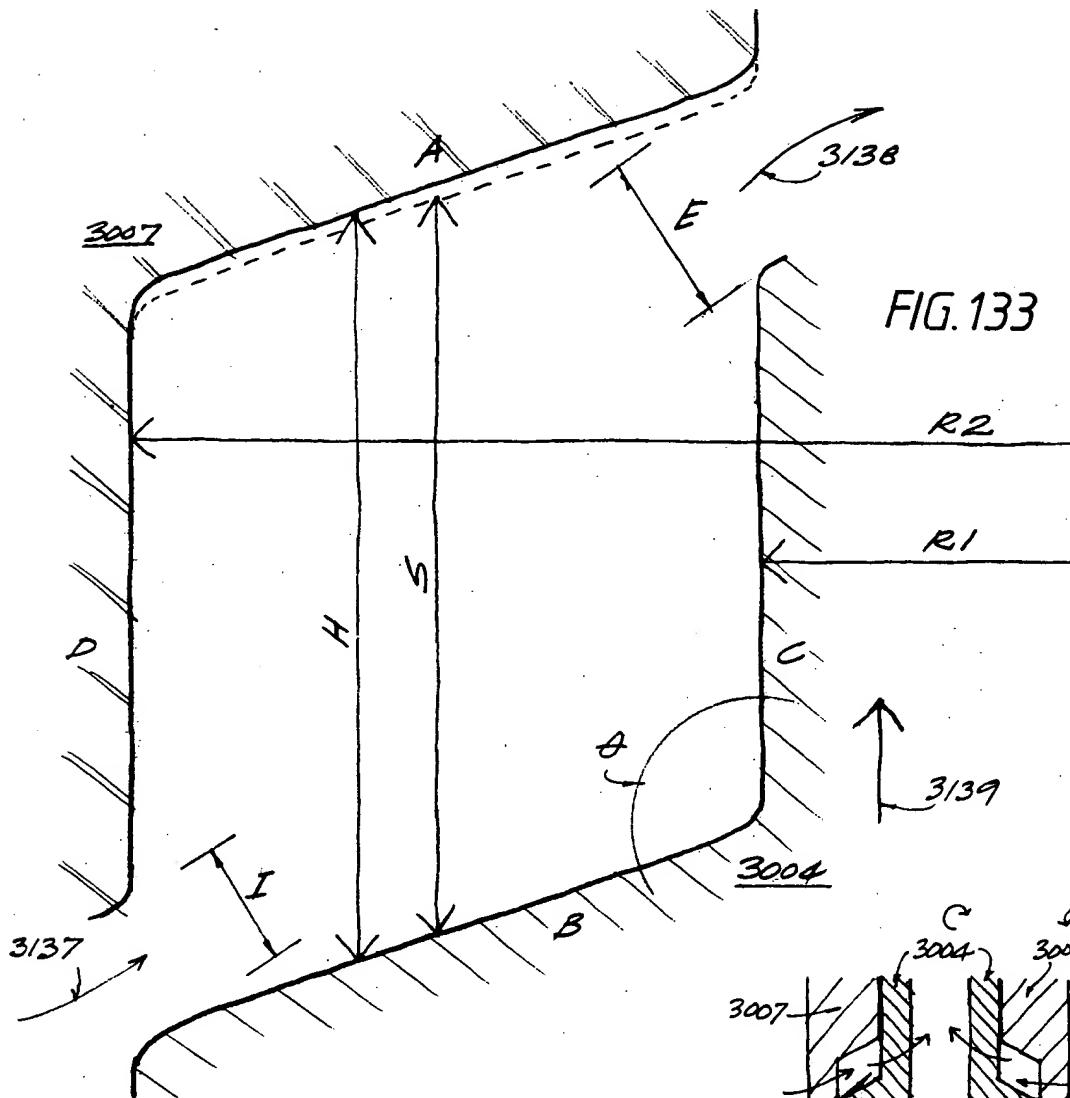
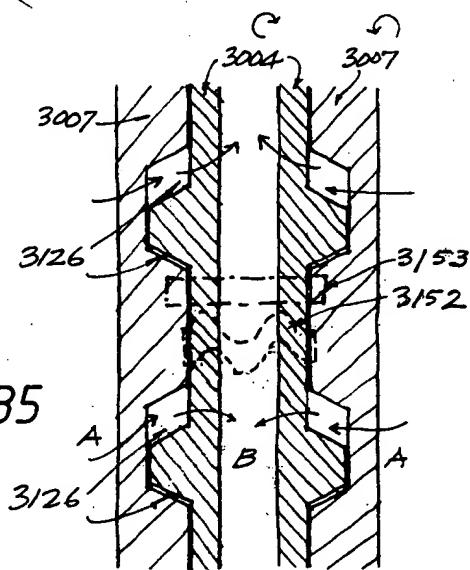


FIG.135



25/40

FIG. 137.

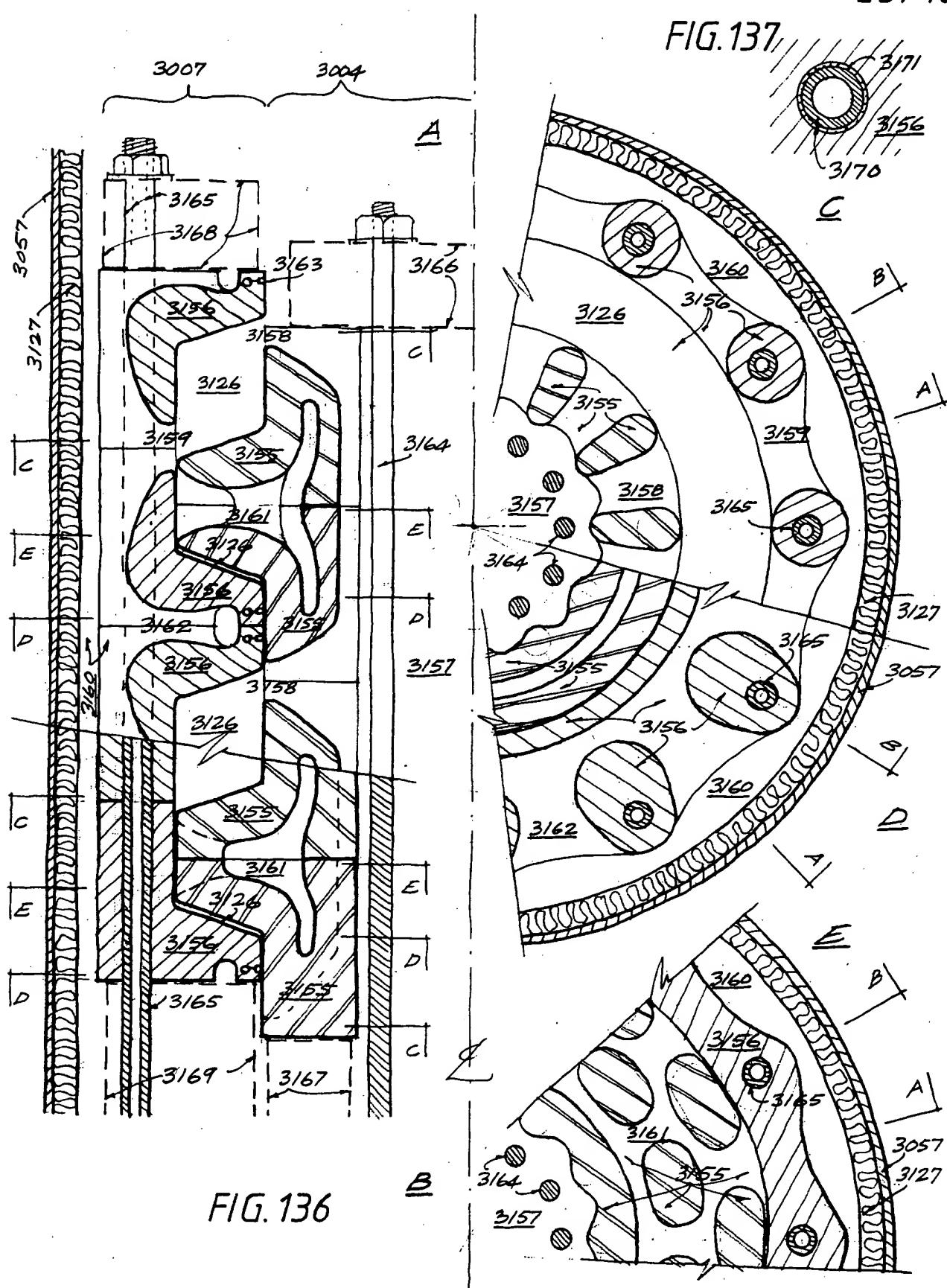


FIG. 136

26/40

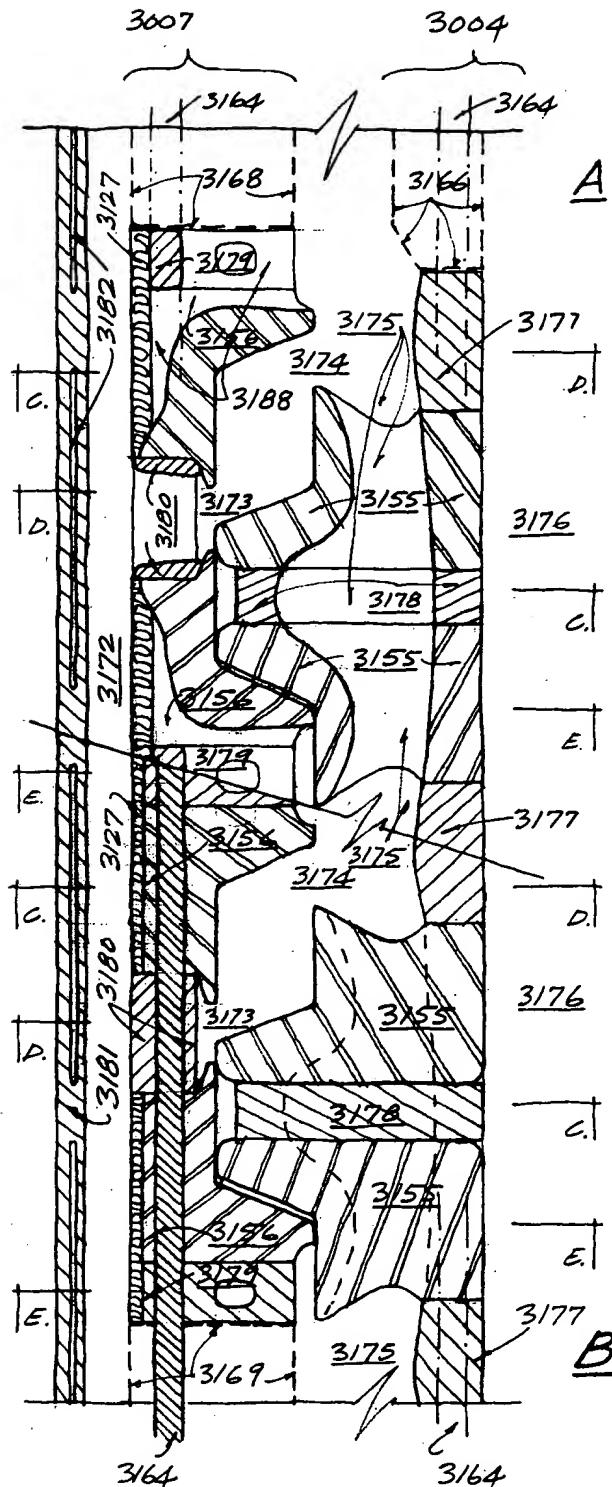


FIG. 138

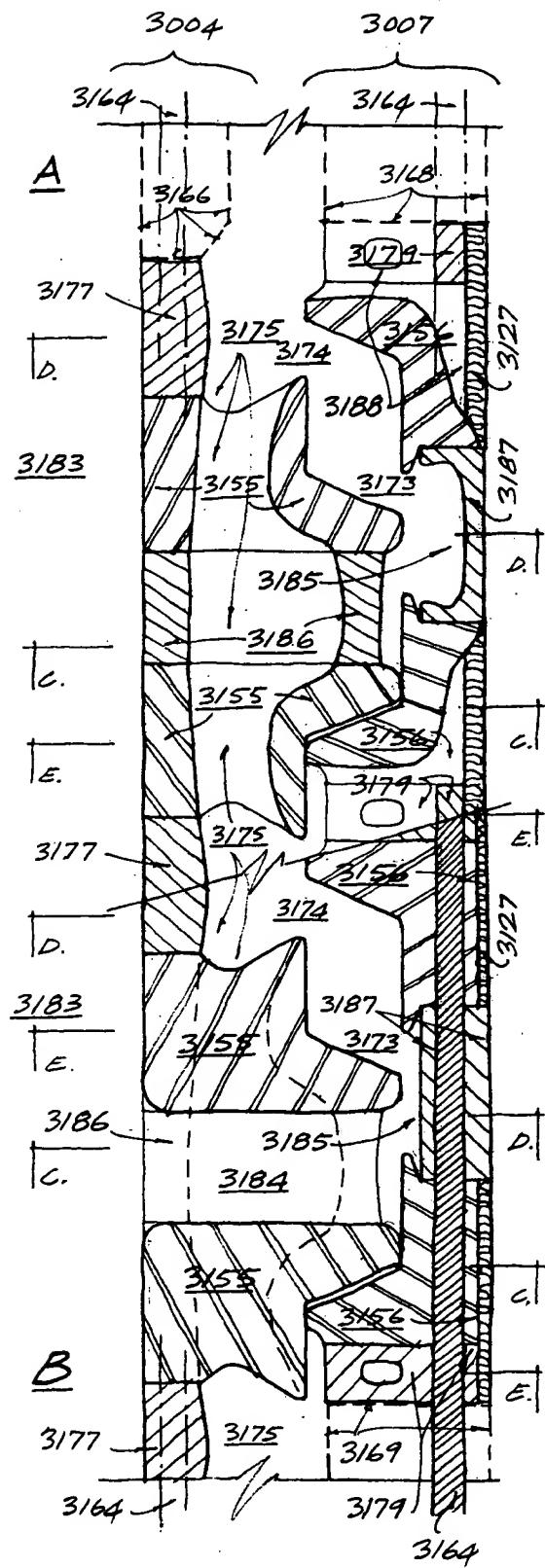


FIG. 139

27140

FIG. 138

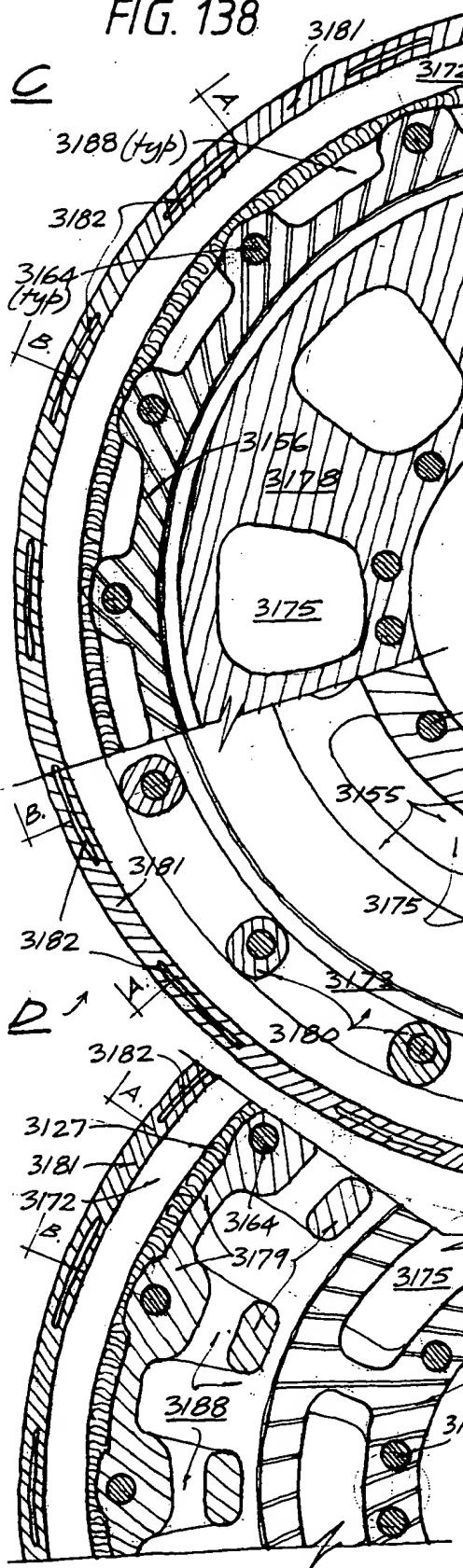
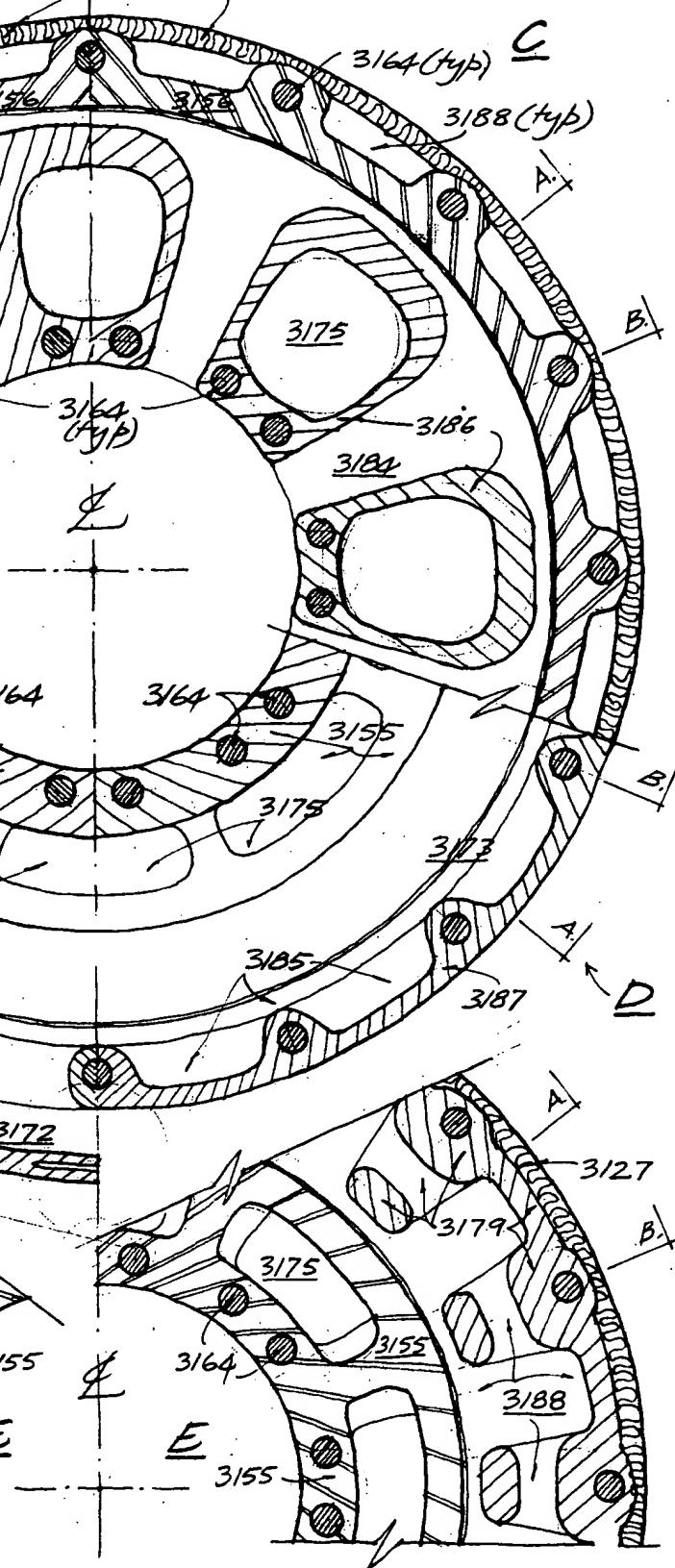


FIG. 139



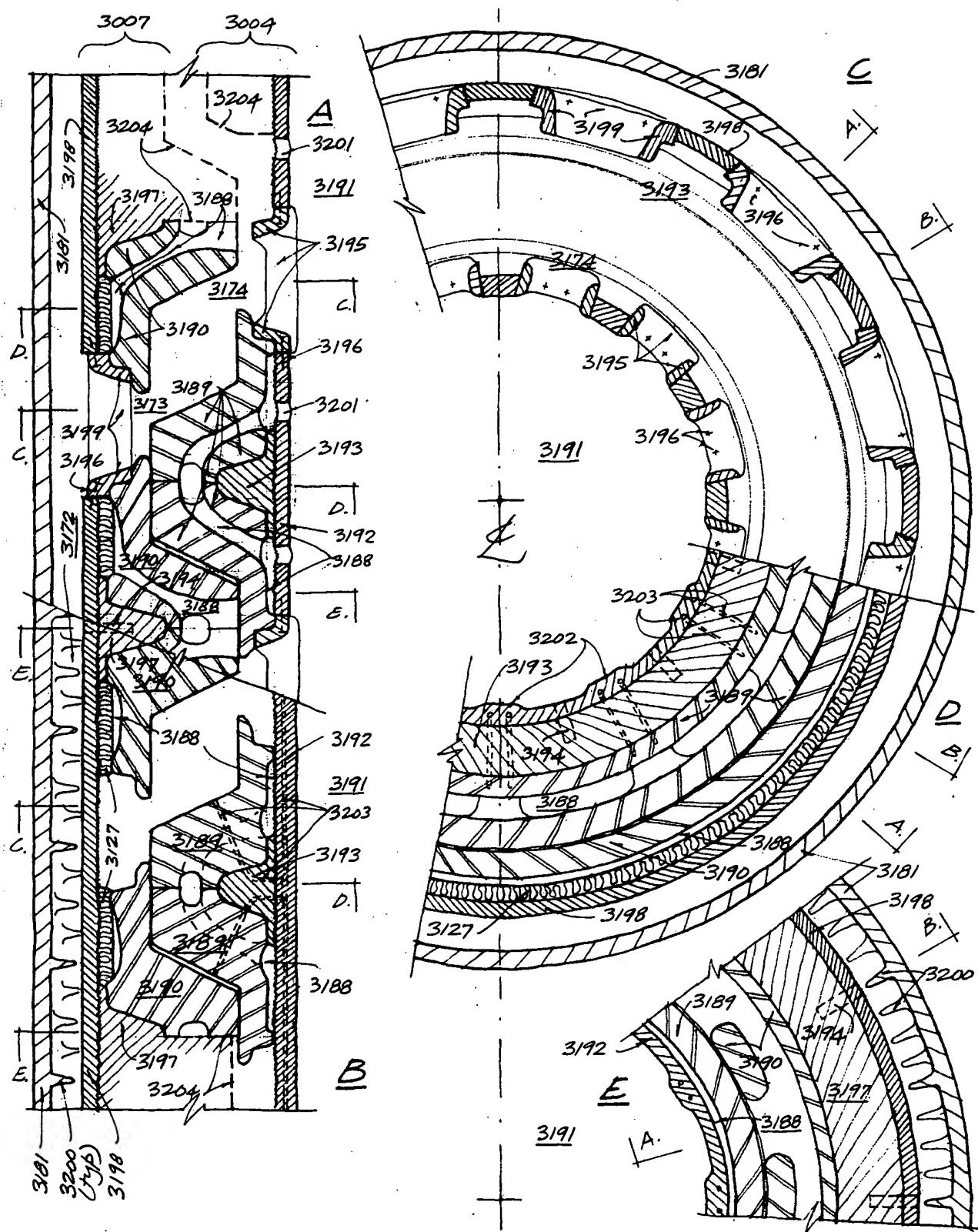


FIG. 140

29/40

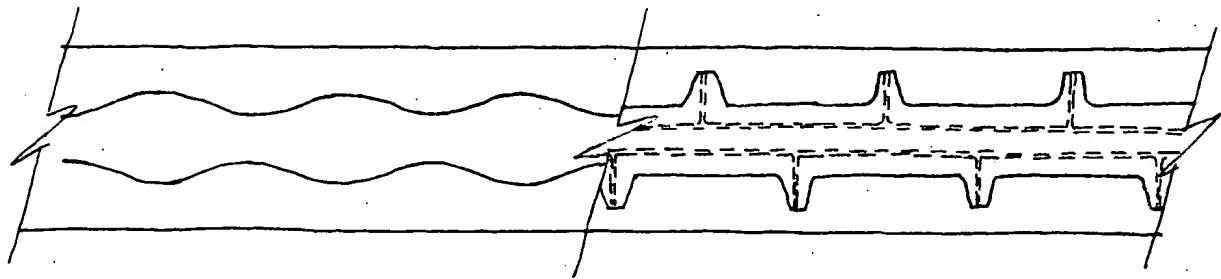


FIG. 141

FIG. 142

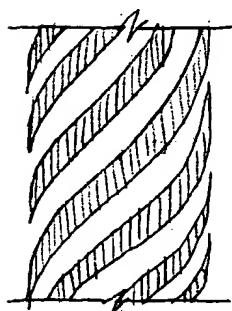


FIG. 143

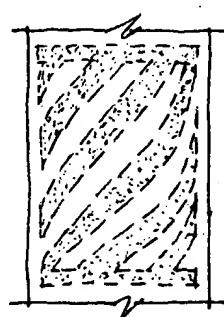


FIG. 144

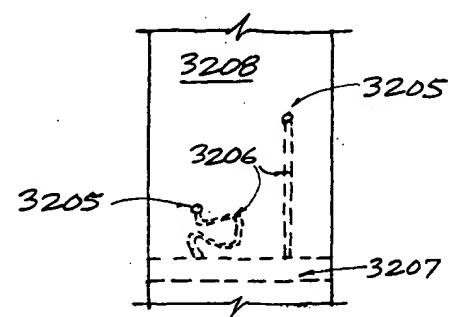


FIG. 145

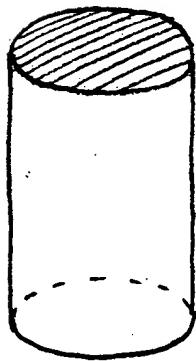


FIG. 146

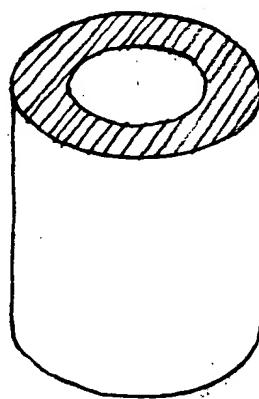


FIG. 147

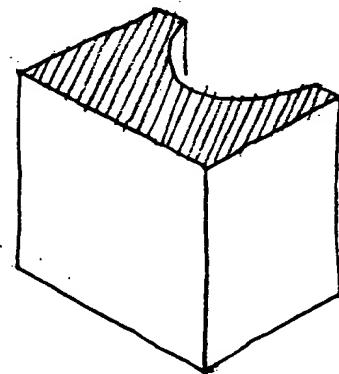


FIG. 148

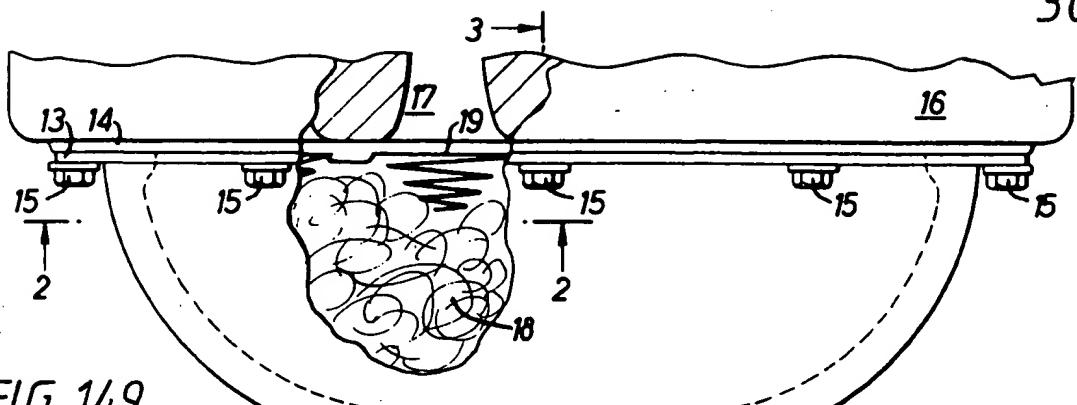


FIG. 149

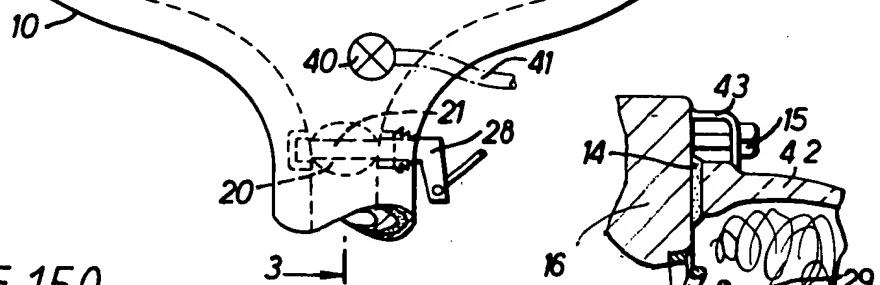


FIG. 150

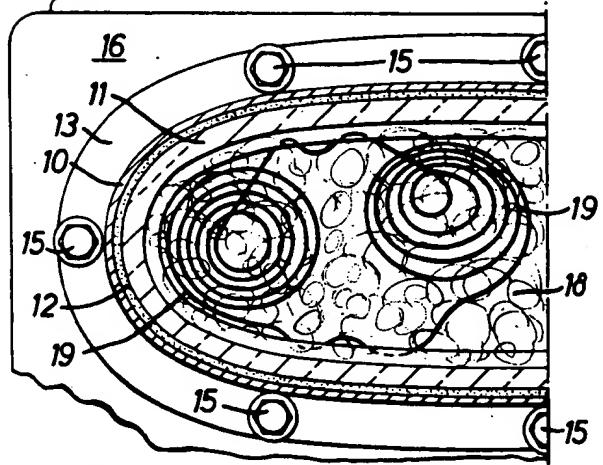


FIG. 152

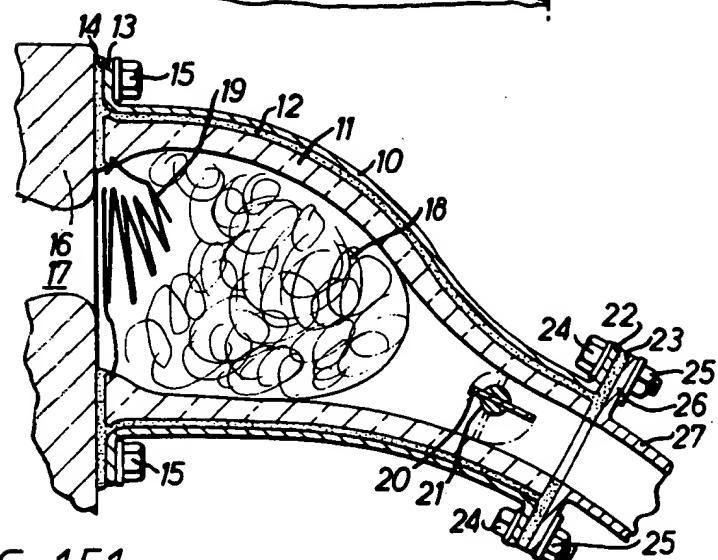


FIG. 151

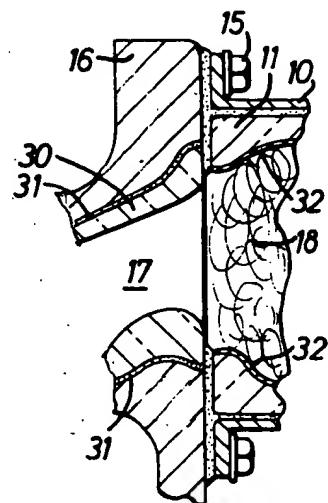


FIG. 153

FIG. 154

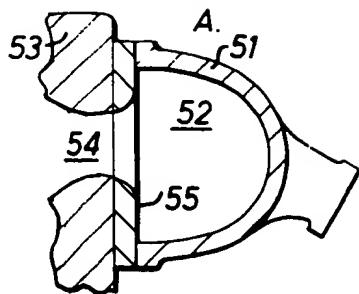


FIG. 155

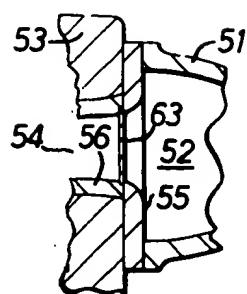


FIG. 156

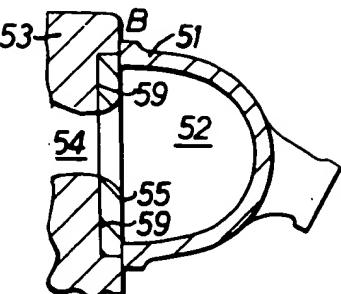


FIG. 157

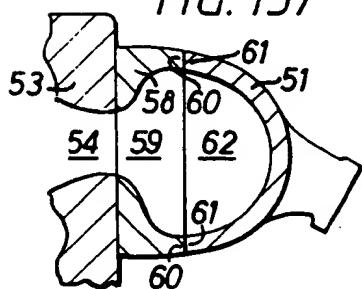


FIG. 158

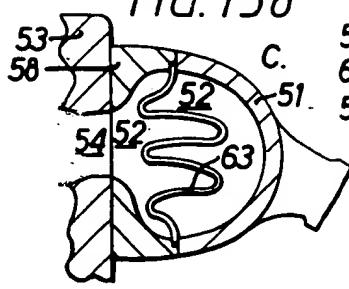


FIG. 159

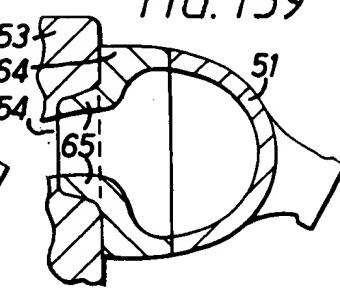


FIG. 161

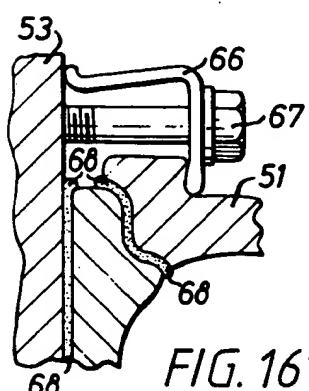


FIG. 161

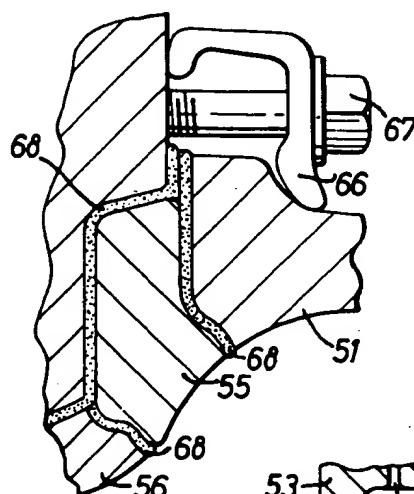


FIG. 163

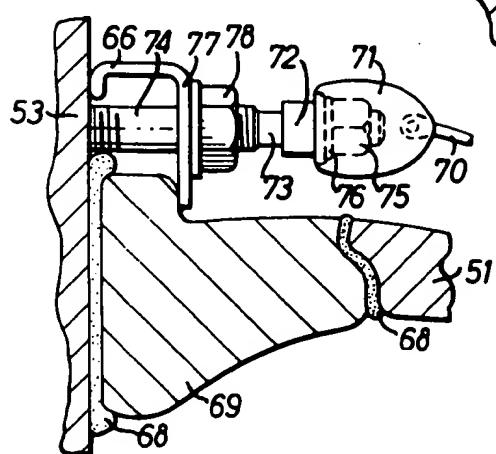


FIG. 162

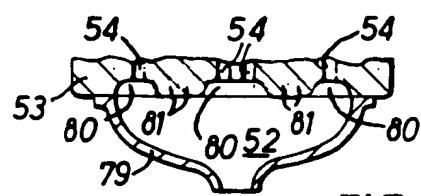


FIG. 164

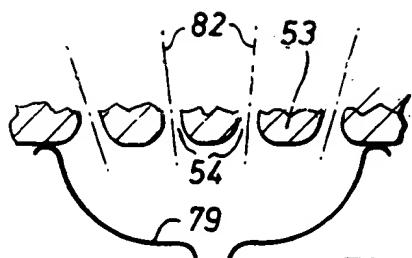


FIG. 165

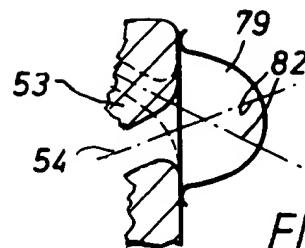


FIG. 166

FIG. 167

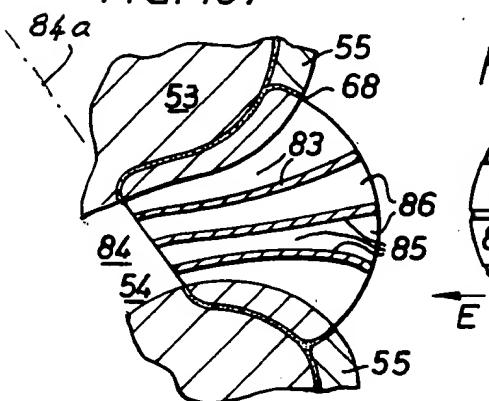


FIG. 168

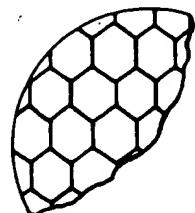
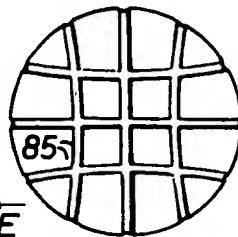


FIG. 169

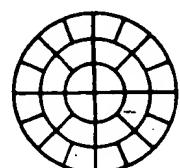


FIG. 170

FIG. 171

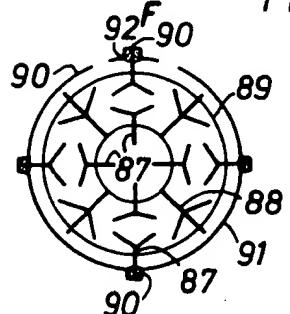


FIG. 172

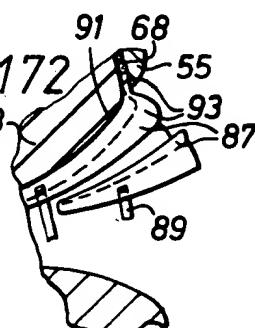


FIG. 173

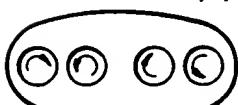


FIG. 175

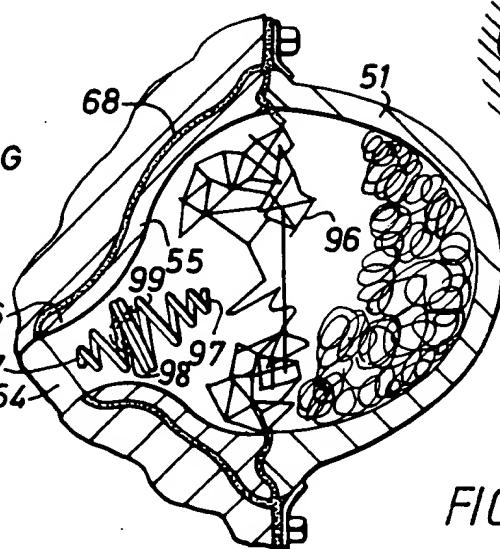
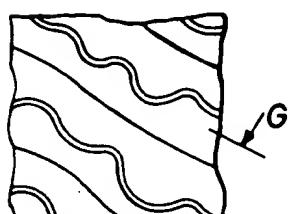


FIG. 174

FIG. 176

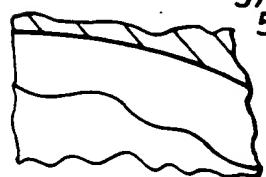


FIG. 177

FIG. 178

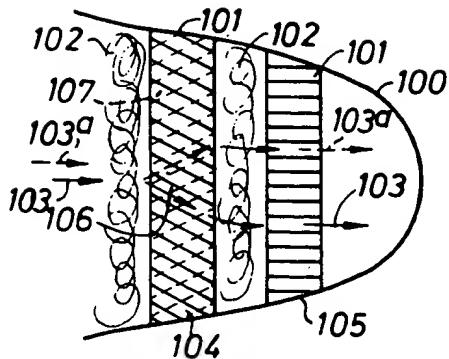


FIG. 180

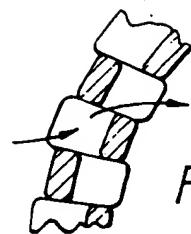
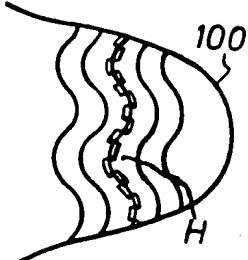


FIG. 181

FIG. 179

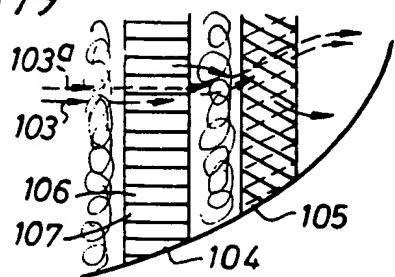


FIG. 183



FIG. 185

FIG. 186

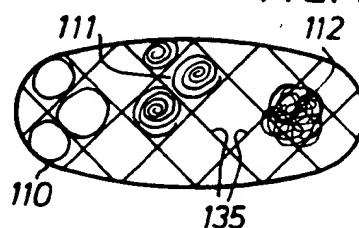
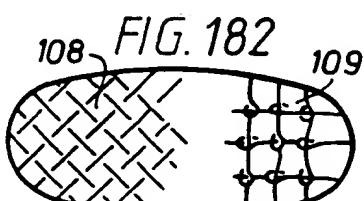


FIG. 184

FIG. 187

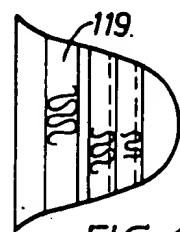
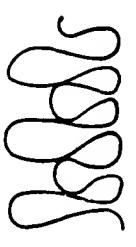


FIG. 190

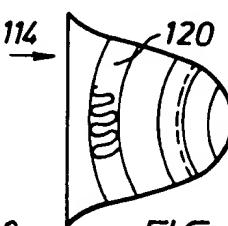


FIG. 191

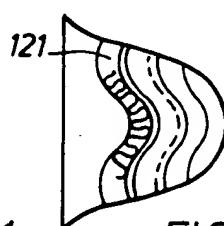


FIG. 192

FIG. 188

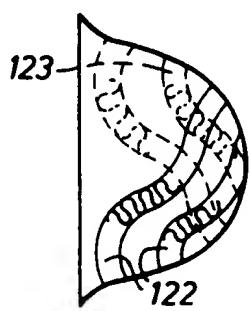


FIG. 193

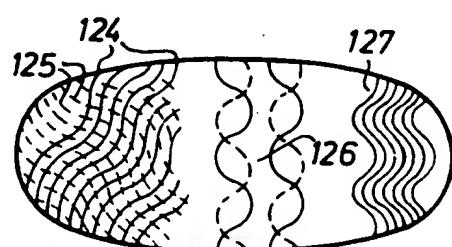


FIG. 194

FIG. 189

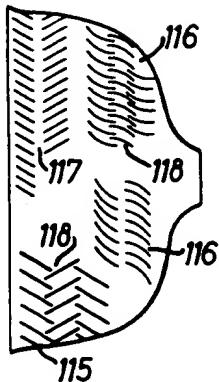


FIG. 195

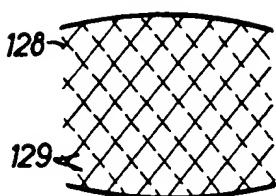


FIG. 196



34/40

FIG. 197

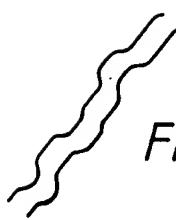


FIG. 198



FIG. 199



FIG. 209

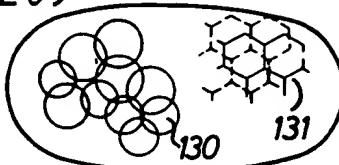


FIG. 201



FIG. 202



FIG. 203

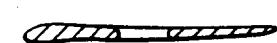


FIG. 204



FIG. 205

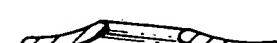


FIG. 206



FIG. 207



FIG. 208

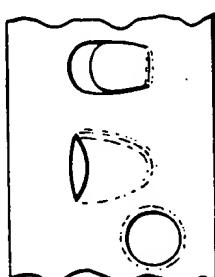


FIG. 213

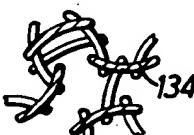


FIG. 215

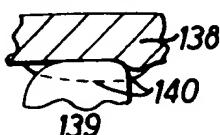


FIG. 214

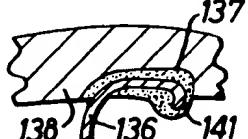


FIG. 217

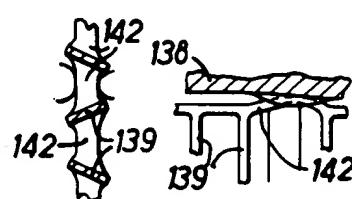
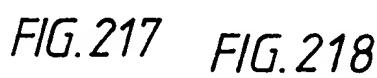


FIG. 219

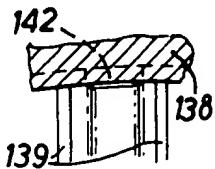


FIG. 216



FIG. 220

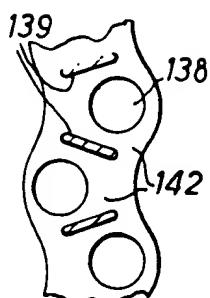


FIG. 221



FIG. 222



FIG. 223



35/40

FIG. 224

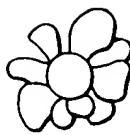


FIG. 225

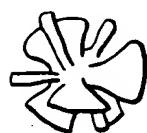


FIG. 226



FIG. 227

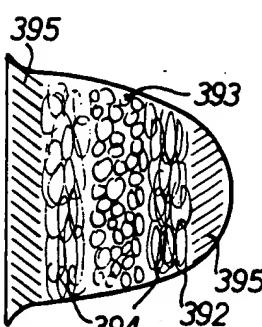


FIG. 228

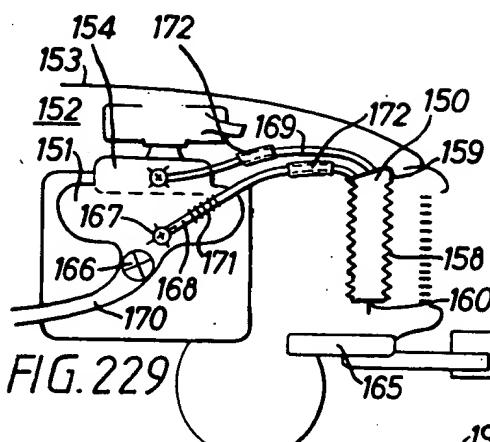


FIG. 229

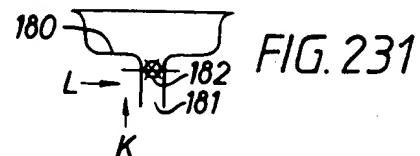


FIG. 231

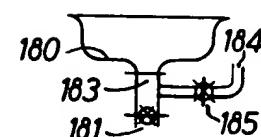


FIG. 232

FIG. 230

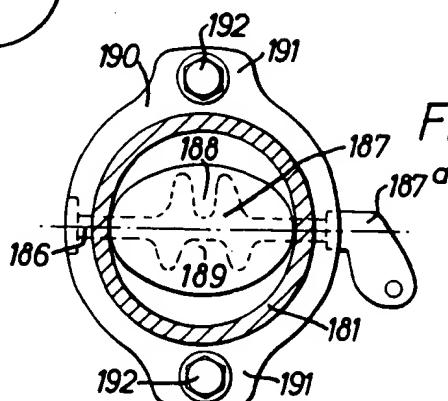
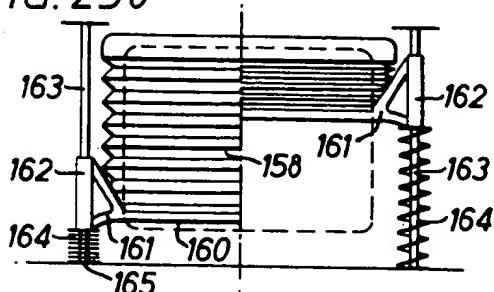


FIG. 233

FIG. 236

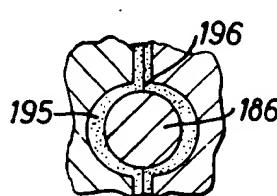
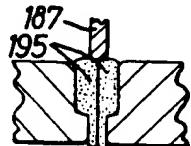


FIG. 237

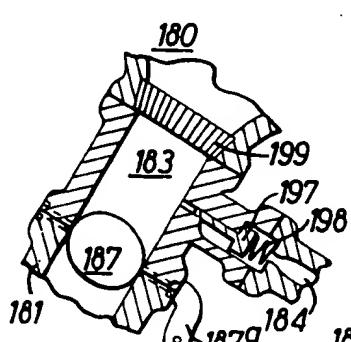


FIG. 238

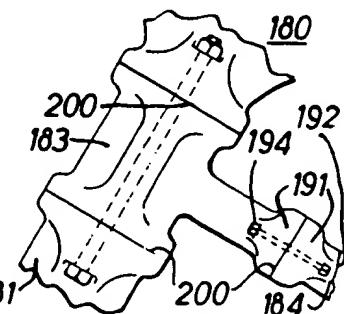


FIG. 239

FIG. 235

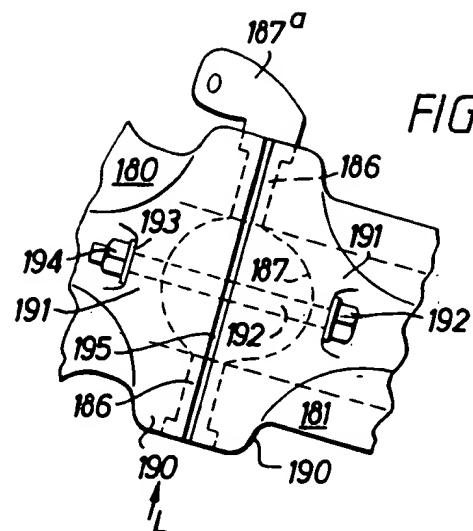
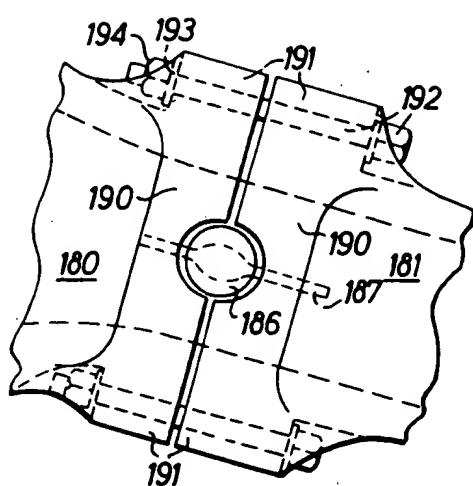


FIG. 240

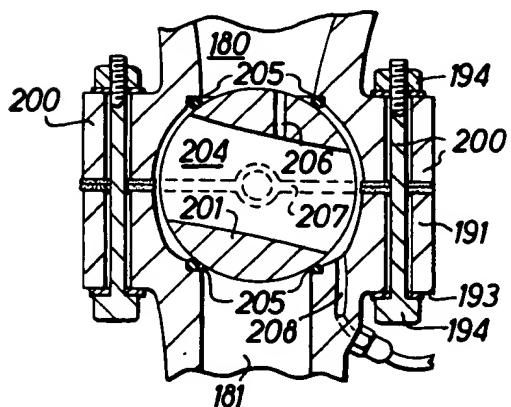
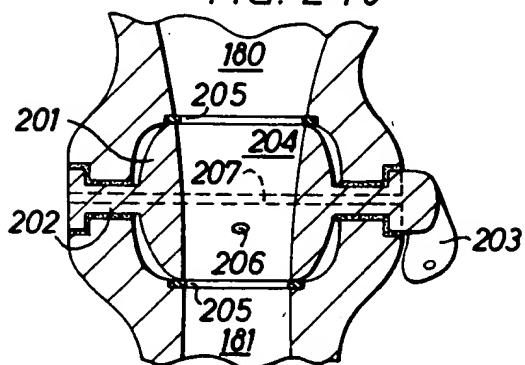


FIG. 241

FIG. 242

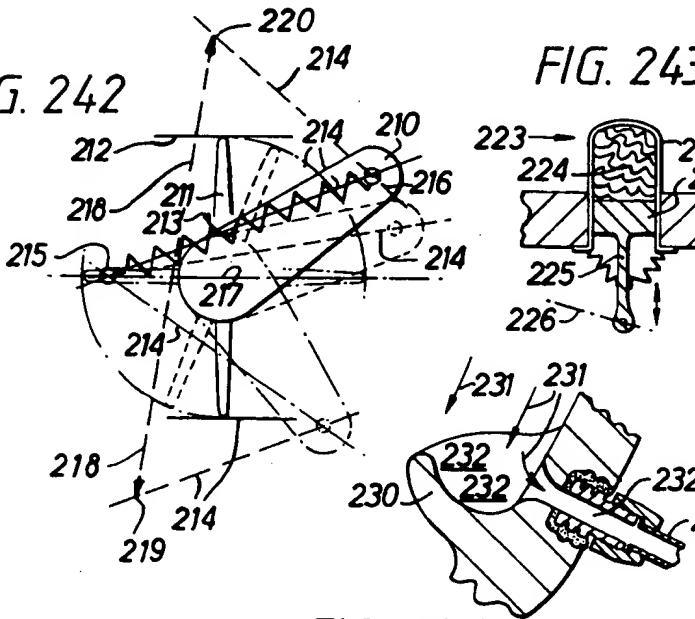


FIG. 243

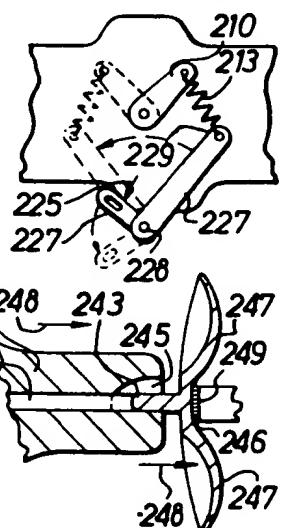


FIG. 244

FIG. 245

FIG. 247

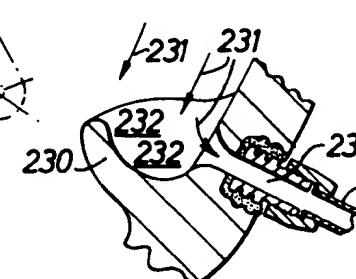


FIG. 246

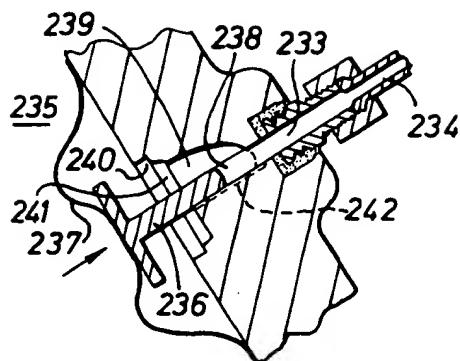


FIG. 248

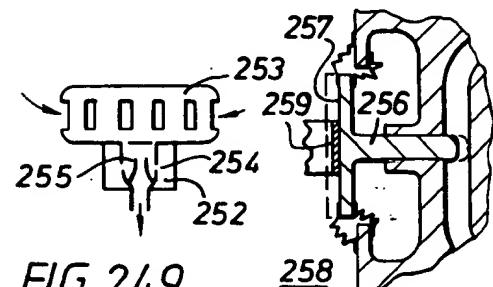
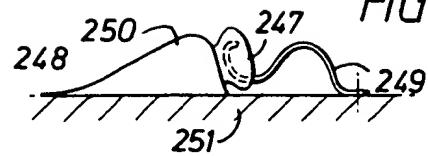


FIG. 249

FIG. 250

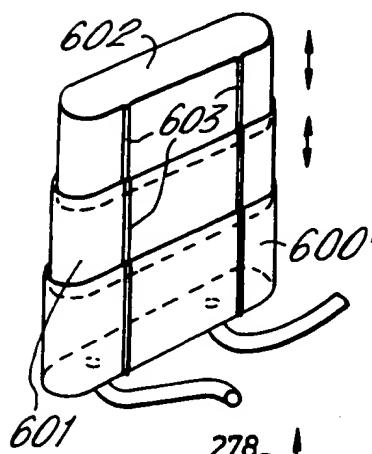


FIG. 251

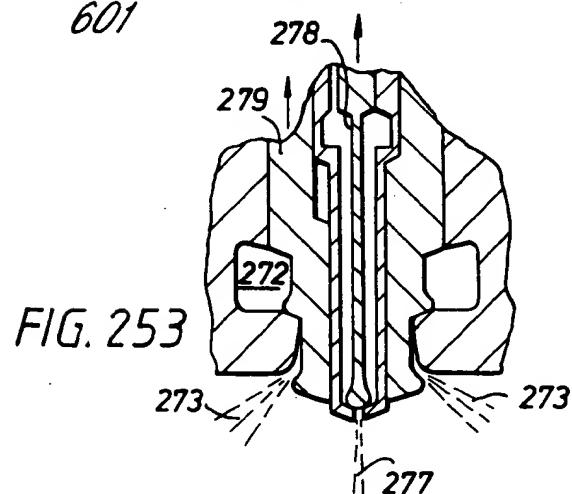


FIG. 253

FIG. 252

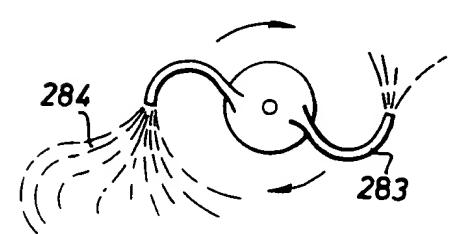
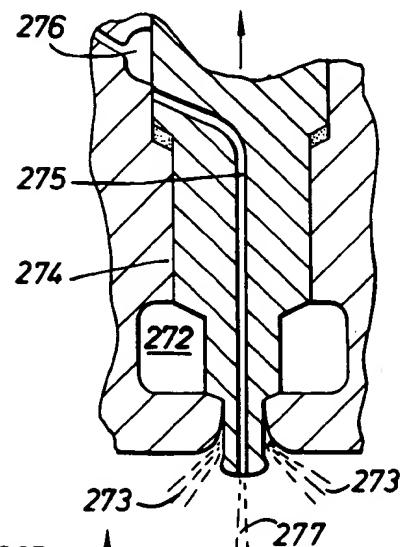


FIG. 255

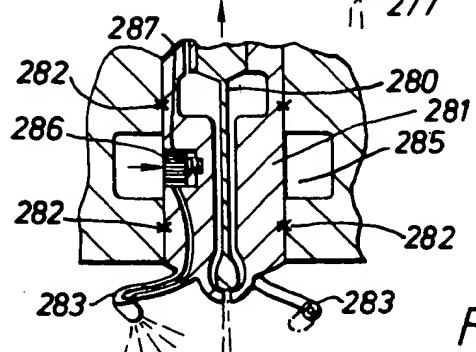


FIG. 254

FIG. 256

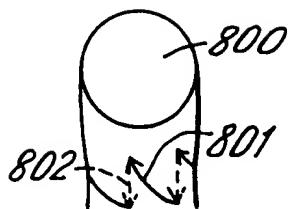
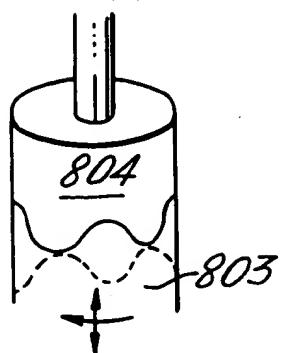


FIG. 257



38/40

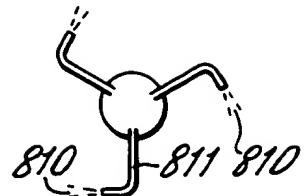


FIG. 258

FIG. 260

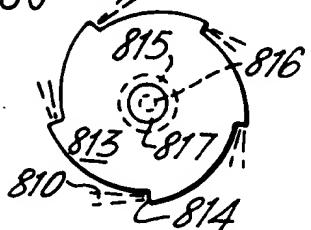


FIG. 261

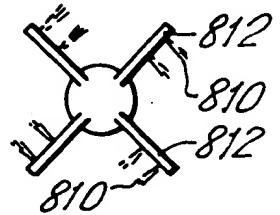
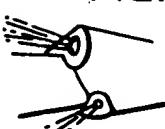


FIG. 259

FIG. 263



FIG. 264

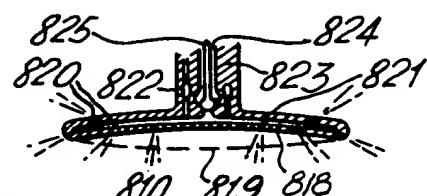
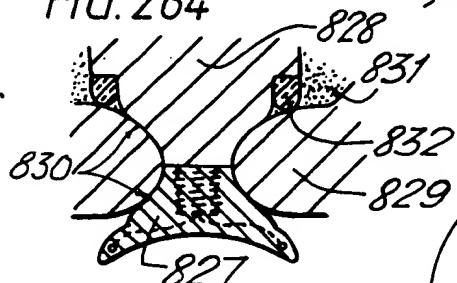


FIG. 262

FIG. 265

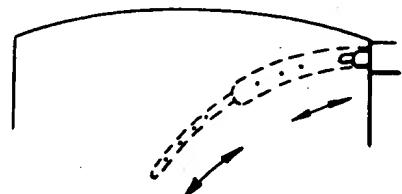


FIG. 266

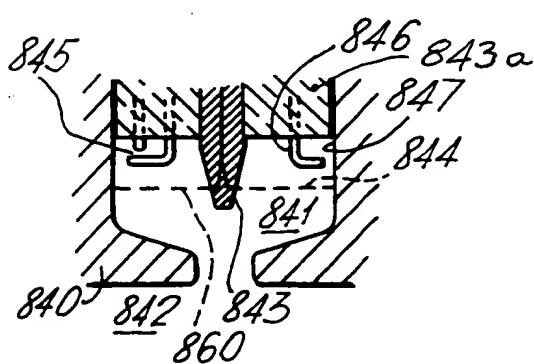
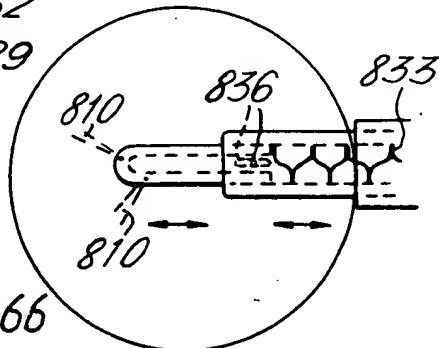


FIG. 267

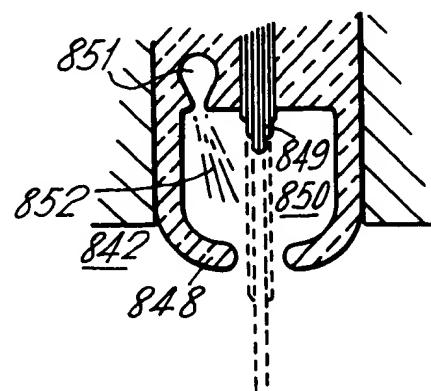
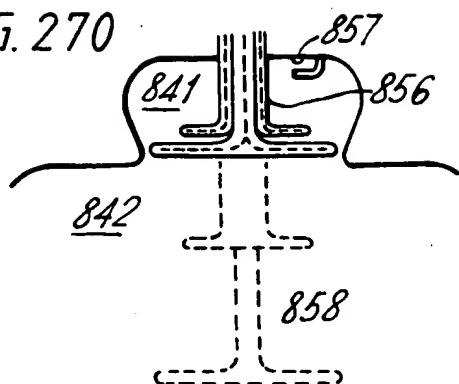


FIG. 268

+

FIG. 270



854 39/40

FIG. 269

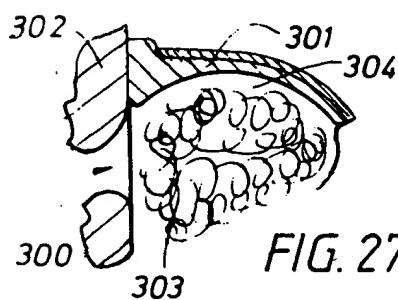
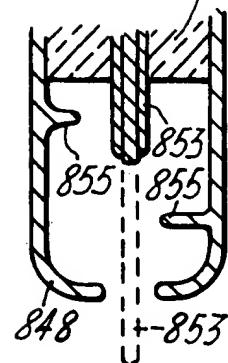


FIG. 271

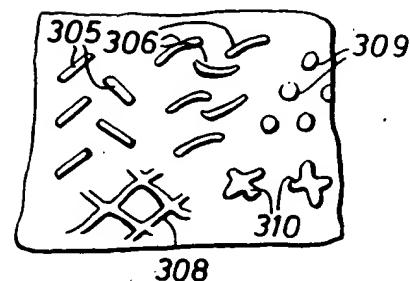


FIG. 272

FIG. 273



FIG. 275

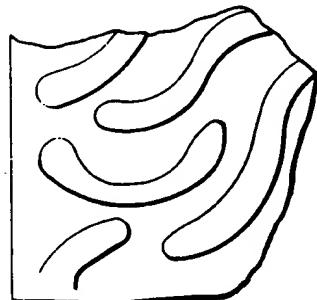
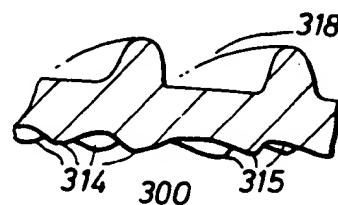


FIG. 276



301

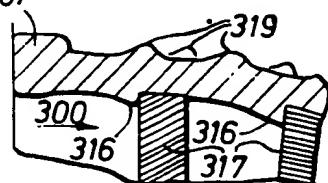


FIG. 277

+

40140

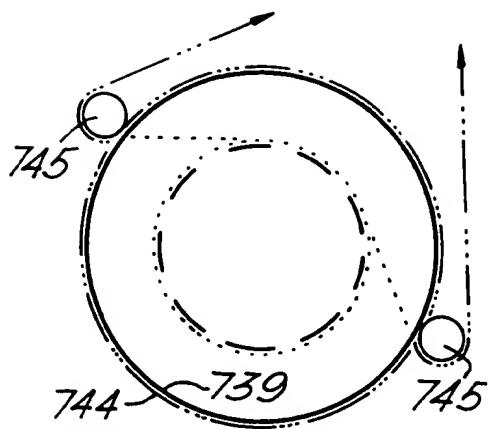


FIG. 279

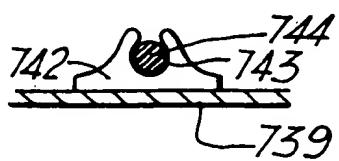


FIG. 280

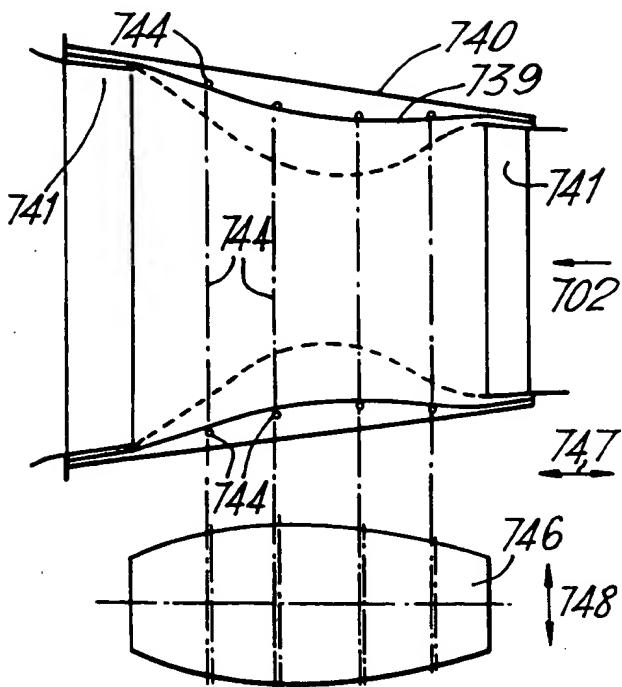


FIG. 278

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.